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THE COLGATE DARDEN GRADUATE SCHOOL OF BUSINESS ADMINISTRATION
Tayloe Murphy Institute

Consumer Price Indicators for Virginia Metropolitan Areas, 1984

Eleanor G. May

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Preface

In 1975, the Tayloe Murphy Institute added to its regular studies an annual one on the relative cost of living in Virginia metropolitan areas, with the hope that it might present sufficiently reliable data to be useful to many audiences, including individuals, government agencies, and businesses in Virginia. The present study is the tenth in the continuing series on relative price levels for Virginia metropolitan areas. This report presents the findings of the 1984 study, plus all the earlier data, with a few revisions.

The data included in this series of publications have been widely used by many audiences both in and outside of Virginia. The uses include salary adjustment for cost-of-living changes or at the time of a transfer from one location to another, annual adjustments to contractual agreements such as leases, marital settlements, or union contracts, interpretation of longitudinal expense or salary data, adjustment of balance sheet items to a constant dollar base, and developing budget figures.

The 1984 study, like the previous studies, was under the general supervision of Eleanor G. May, Research Director, Business Studies Center. The major aspects of the project this year, including organization and supervision of the field work, as well as working with the computer processing of the data and the preparation of the tables were the responsibility of Donald W. Lindsey, Research Assistant of the Tayloe Murphy Institute. Assistance was supplied to the project by Linda M. Beaulieu, a teacher in the Fluvanna County School System, Kerry DuCharme, a student at the Darden School, and Kathryn Kunkel, a graduate student in religion at the University of Virginia. The field research was conducted by Clark M. Brittain, Stan Lanier, Sue S. Casteen, Marjorie M. Jernigan, Patricia A. Locke, Barbara Smith-Mandell, Kerry DuCharme, and Kathryn Kunkel.

We are grateful for the assistance of the business and professional people in Virginia who supplied us with the data for the survey, without which accomplishment of the project would have been impossible.

James C. Dunstan
Director
Tayloe Murphy Institute

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I. Introduction

This publication reports on the tenth annual study of consumer prices, conducted by the Tayloe Murphy Institute of The Colgate Darden Graduate School of Business Administration of the University of Virginia. Prices were measured in the summer of 1984 for a market basket of items, a market basket that was comparable with the ones used for the earlier studies. From these item prices, relative item price indices were calculated for each of the geographic areas covered.

Although the geographic areas included in the 1984 study are the same as those covered in previous years, with only minor exceptions, designations of the areas have changed. On June 30, 1983, new definitions for Standard Metropolitan Statistical Areas (SMSAs) went into effect with the SMSA designation changing to Metropolitan Statistical Areas (MSAs). In addition, geographic area changes were made involving three MSAs in Virginia. The Lynchburg MSA was redefined to exclude Appomattox County, the Roanoke MSA was redefined to exclude Craig County, and Stafford County was added to the Virginia portion of the Washington DC-MD-VA Metropolitan Statistical Area. These inclusions and exclusions of areas to existing MSAs are reflected in the data contained in this report.

In addition to these area redefinitions, two new MSAs were created by combining areas of four SMSAs. The Richmond SMSA and the Petersburg-Colonial Heights-Hopewell SMSA were combined to form the Richmond-Petersburg MSA. Similarly, the Norfolk-Virginia Beach-Portsmouth SMSA and the Newport News-Hampton SMSA were combined to form the Norfolk-Virginia Beach-Newport News MSA. Although these metropolitan areas were combined, the 1983 and 1984 Tayloe Murphy

Institute studies of consumer prices, and presumably subsequent consumer price studies, will continue to provide data based on the previous definitions of the metropolitan areas.

Therefore, the geographic areas covered in this study include: the Metropolitan Statistical Areas of Charlottesville, Lynchburg, and Roanoke, the Northern Virginia portion of the Washington DC-MD-VA Metropolitan Statistical Area, and the metropolitan areas of Newport News-Hampton, Norfolk-Virginia Beach-Portsmouth, Petersburg-Colonial Heights-Hopewell, and Richmond.[1]

The Virginia portion of the Johnson City-Kingsport-Bristol TN-VA MSA was excluded, because the major part of this area is in Tennessee rather than in Virginia. Also, the Danville area was not covered in part because it was named an SMSA in 1981, after the initiation of the Tayloe Murphy Institute study.

From the item price indices, category and total relative price indices

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[1]Charlottesville MSA = Charlottesville city and Albemarle, Fluvanna, and Greene Counties.

Lynchburg MSA = Lynchburg city and Amherst and Campbell Counties.

Newport News-Hampton Area = Hampton, Newport News, Poquoson, and Williamsburg cities and Gloucester, James City, and York Counties (part of Norfolk-Virginia Beach-Newport News MSA).

Norfolk-Virginia Beach-Portsmouth Area = Chesapeake, Norfolk, Portsmouth, Suffolk, and Virginia Beach cities (part of Norfolk-Virginia Beach-Newport News MSA).

Northern Virginia Area = Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park cities and Arlington, Fairfax, Loudoun, Prince William, and Stafford Counties; excludes Maryland and District of Columbia parts of the Washington DC-MD-VA MSA.

Petersburg-Colonial Heights-Hopewell Area = Colonial Heights, Hopewell, and Petersburg cities and Dinwiddie and Prince George Counties (part of Richmond-Petersburg MSA).

Richmond Area = Richmond city and Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent, and Powhatan Counties (part of Richmond-Petersburg MSA).

Roanoke MSA = Roanoke and Salem cities and Botetourt and Roanoke Counties.

were computed for each geographic area. Also, indices of change were calculated which describe the year-to-year changes in consumer prices for each of the eight metropolitan areas, that is, the increase, or decrease, in prices for mid-1984 compared with mid-1983, and for each of the prior 12-month periods to mid-1976 compared with mid-1975.

As this study shows and as other price indicator surveys show, there are variations in consumer price indicators among different areas. These variations are the result of many factors. The primary reason, obviously, is the variations in the prices paid by residents of the areas for their consumer expenditures, that is for their "market basket" of the goods and services acquired to satisfy their needs and wants.

Prices vary from one location to another as a result of a number of factors. One cause of the variation is the cost of the raw materials required to produce the good or service the consumer is acquiring, such as differences between the cost of energy produced from locally-acquired coal and the cost of energy produced from imported oil, or differences between the cost of fresh fruits or vegetables in the Southern states and the cost of these items in the Northern tier of the United States. Another cause of price variation among several areas is the cost of transporting the good or service to the market area, for example, the cost of coal in Southwestern Virginia where mines are located, compared with the cost of coal in Northern Virginia. Still another factor is the result of the variation in demand for the product, such as the cost of land in heavily urbanized areas compared with the cost of land in less densely populated areas. Land cost is not only a direct component of housing costs but also an indirect component of most other costs. The differences among land costs appear to be the major single cause of regional variations.

Differing local costs of doing business probably have the second largest

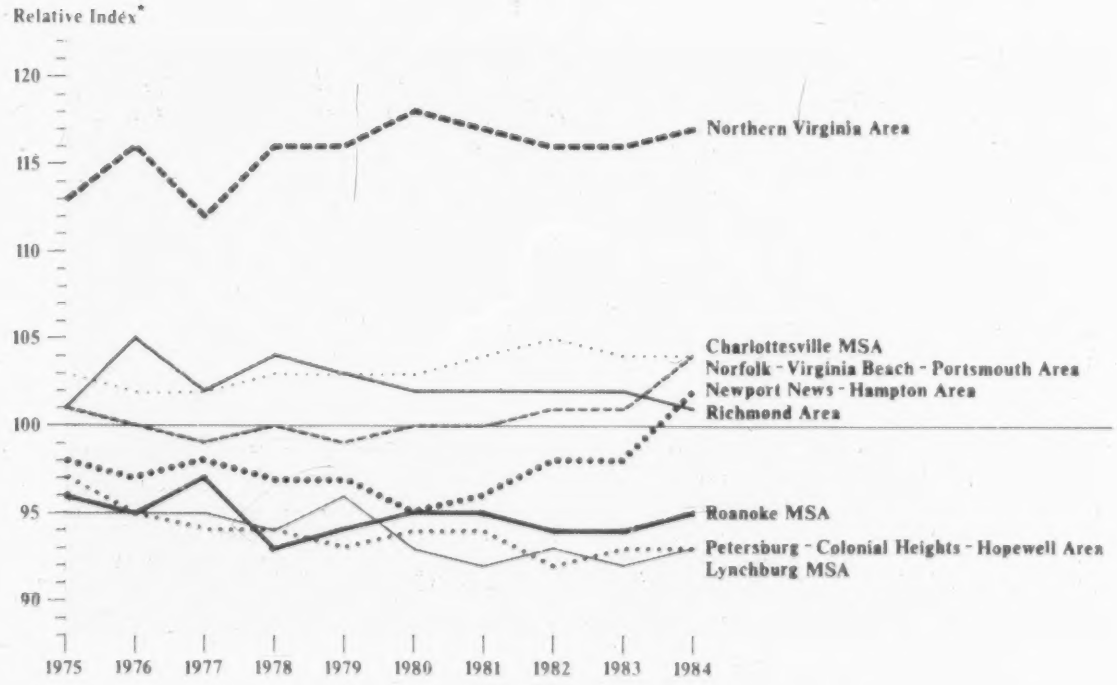
impact on consumer costs. Payroll costs, an important component of the costs of operating a business which must be considered when determining the retail price of the finished product or service, can differ markedly among the various areas, not only because of different pay rates but also because of productivity differences.

This Tayloe Murphy Institute study of prices in Virginia, as is common to most studies of living costs, estimates the differences among the areas by measuring differences in the prices paid by consumers. The objective of a study of consumer price levels is to measure differences in the cost of living among various groups of consumers, those in different geographic areas, different income classes, different family composition, and so forth. Variations in the standards of living of the consumers, however, are not so fully considered in such studies as a "cost of living" study would suggest. It should be kept in mind that the indices presented here do not reflect completely the differing life styles that exist among the various locations studied. Because of the procedures used in this project, adapted from those used by the United States Bureau of Labor Statistics in developing consumer price indicators, the data reported here do include some life style differentials, along with observed variations in consumer prices.

II. Relative Price Indices

Based on the 1984 survey results, the Northern Virginia portion of the Washington DC-MD-VA Metropolitan Statistical Area, when compared with the other seven Virginia areas studied, continued to have the highest level of consumer prices. This relationship has held true in each of the prior nine studies by the Tayloe Murphy Institute. (See Chart 1 and Table 1.) The Northern Virginia figure, 117, which far outreached all others, was followed by the Charlottesville MSA and the Norfolk-Virginia Beach-Portsmouth area, both

Chart 1
Relative Consumer Price Indices
Eight Virginia Metropolitan Areas, 1975-1984



* Average for eight areas = 100%; 120 = 20% above average and 90 = 10% below average.

with 104, the Newport News-Hampton area with 102, and the Richmond area with 101. Three areas had below average indicators: the Roanoke MSA at 95 and the Lynchburg and the Petersburg-Colonial Heights-Hopewell areas at 93.

The positions held by each of the eight areas in relation to each other have held quite steady over the ten years studied by the Tayloe Murphy Institute. Northern Virginia has consistently had the highest indicator, by a wide margin. Holding at 116 to 118 since 1977, the Northern Virginia area has far outdistanced the other seven areas. The Roanoke, Petersburg-Colonial Heights-Hopewell, and Lynchburg areas usually have experienced the lowest figures. Newport News-Hampton has been lower than average, until 1984 when it crept above average. The Richmond area has consistently been slightly above the average. The Charlottesville area, which has usually been in second place, three or four points above average, held this position in 1984. The Norfolk-

Table 1

RELATIVE CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1975-1984

	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
1975	103	97r	98	101	113r	95r	101	96r
1976	102	95r	97	100	116r	95r	105r	95
1977	102	94r	98	99	112	95r	102	97
1978	103r	94r	97	100	116r	94	104	93
1979	103	93r	97	99	116r	96	103r	94
1980	103r	94r	95	100	118r	93r	102r	95
1981	104	94r	96	100	117r	92r	102r	95
1982	105r	92r	98r	101r	116r	93	102r	94
1983	104r	93r	99r	100r	117r	91r	102	94
1984	104	93	102	104	117	93	101	95

r = revised

Virginia Beach-Portsmouth area has been close to the average, but in 1984 the area moved up to 104 to become one of the two areas in second position.

It is evident that, in each of the ten years, a pattern has appeared in which the more heavily populated areas experienced the higher levels of consumer prices, while the less heavily populated areas had the lower levels. This correlation occurred whether the areas were measured by population, personal income, or retail sales. (See Table 2.) Northern Virginia, the largest on all of these dimensions, had the highest consumer price indicators; the lower indicators were in the smaller areas: Lynchburg, Petersburg-Colonial Heights-Hopewell, and Roanoke.

The exception to this pattern is Charlottesville, the area in this

Table 2

POPULATION, INCOME, AND SALES DATA
EIGHT VIRGINIA METROPOLITAN AREAS

	Population[1]	Total Personal Income[2]	Retail Sales[3]
Charlottesville MSA.....	116,100	$ 1,180,300,000	$ 596,684,000
Lynchburg MSA.....	142,300	1,327,200,000	646,233,000
Newport News-Hampton Area.....	378,900	3,957,800,000	1,779,387,000
Norfolk-Virginia Beach-Portsmouth Area.....	822,500	8,645,900,000	3,693,860,000
Northern Virginia portion of the Washington-DC-MD-VA MSA[4]....	1,164,300	18,420,100,000	6,311,624,000
Petersburg-Colonial Heights-Hopewell Area.....	129,200	1,271,000,000	469,965,000
Richmond Area.....	648,500	8,037,600,000	3,656,879,000
Roanoke MSA.....	221,500	2,301,300,000	1,244,706,000

[1]1982 data, Estimates of the Population of Virginia Counties and Cities: July 1, 1982 (Provisional), Julia H. Martin and Michael A. Spar, Tayloe Murphy Institute, December 1983.

[2]1982 data, Local Area Personal Income, 1977-82, Southeast Region, United States Department of Commerce, Bureau of Economic Analysis, May 1984.

[3]1983 data, Retail Sales in Virginia, 1983, Eleanor G. May, Tayloe Murphy Institute, May 1984.

[4]Because of irregularities in some of the data for Stafford County, the data for that county, which is part of the Washington MSA, are not included with the Northern Virginia data.

survey which only in 1981 became an SMSA. In each of the ten years, higher than average costs have been observed in the Charlottesville area, even though the area has the smallest population and total personal income, and the lowest retail sales, other than Petersburg-Colonial Heights-Hopewell, among the eight areas studied.

Population-correlated consumer price levels perhaps can be explained by considering two factors that usually vary according to the size of the location. The first factor is real estate costs, which typically is higher in the more densely populated areas, and lower in the less populated areas. As is seen when the categories of expenses are considered, shelter is 36% more costly in Northern Virginia than the average for all eight areas, while Lynchburg is 17% lower, Petersburg-Colonial Heights-Hopewell is 16% lower, and Roanoke is 13% lower. (See Table 3.) Furthermore, it must be remembered that real estate costs affects not only housing but also most other items included in the market basket, because real estate costs is a component of the cost structure of virtually all goods and services production and distribution. Thus the real estate cost differential for the more densely populated areas has the effect of inflating the prices of all items in the market basket.

Conversely, the amount and degree of competition can affect prices of many items. More heavily populated areas typically have more outlets in which consumers can shop for the goods and services making up the market basket. A greater number of outlets and therefore a wider variety of outlets frequently will produce more price competition, usually resulting in a tendency toward lower prices. However, broader competition appears to have a less depressing effect on prices than real estate costs has on increasing the prices of goods and services. Only the Charlottesville area did not follow the pattern that could be expected when these two factors are considered.

The relative price indices shown in Table 1 were composed of five cate-

Table 3

RELATIVE CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1984
(Average for all areas = 100)

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
Total	104	93	102	104	117	93	101	95
I. Food and Beverages	104	92	100	100	112	92	101	99
A. Food	104	92	100	100	112	92	101	99
1. Food At Home	102	97	102	99	103	97	100	101
a. Cereal and Bakery Products	94	93	103	98	106	102	102	102
(1) Cereal and Cereal Products	107	87	97	97	108	102	103	98
(2) Bakery Products	90	94	104	98	105	102	102	104
b. Meats, Poultry, Fish, and Eggs	106	100	102	97	101	95	97	102
(1) Meats	106	104	102	97	102	92	97	101
(a) Beef	111	105	101	97	103	86	101	97
(b) Pork	99	100	105	99	101	96	93	108
(c) Other Meats	101	110	98	92	103	103	92	100
(2) Poultry	111	93	96	96	100	92	100	114
(3) Fish and Seafood	106	87	108	99	91	115	92	102
(4) Eggs	99	89	104	98	109	99	105	96
c. Dairy Products	104	102	102	102	93	95	94	107
d. Fruits and Vegetables	104	105	99	93	100	99	96	105
(1) Fresh Fruits and Vegetables	101	110	97	92	100	96	94	110
(a) Fresh Fruits	102	109	102	88	94	101	93	112
(b) Fresh Vegetables	100	110	93	96	104	93	95	109
(2) Processed Fruits and Vegetables	107	99	101	94	99	101	98	99
(a) Processed Fruits	103	98	98	97	102	101	101	99
(b) Processed Vegetables	110	100	105	92	97	102	95	99
e. Sugar and Sweets	99	93	97	102	111	98	100	102
f. Fats and Oils	99	94	95	101	114	99	102	97
g. Nonalcoholic Beverages	97	79	115	109	108	95	111	86
h. Miscellaneous Prepared Foods	100	93	95	97	112	97	108	98
2. Food Away From Home	108	82	97	103	131	81	102	96
B. Alcoholic Beverages	100	100	100	100	102	100	100	100
II. Housing	104	86	102	103	126	90	100	89
A. Shelter	105	83	103	104	136	84	98	87
1. Rent	104	74	109	110	154	81	92	75
2. Homeownership	105	87	101	101	128	85	101	93
B. Fuels and Other Utilities	105	86	101	106	109	102	105	85
1. Fuels	104	103	102	101	103	98	99	90
2. Electricity	113	70	110	110	110	109	109	70
3. Natural Gas	110	93	96	98	104	98	104	97
4. Other Utilities and Public Services	93	88	96	111	118	103	105	87
C. Household Furnishings and Operation	101	100	99	95	108	95	101	100
1. House Furnishings	100	100	102	96	107	95	102	98
a. Textiles	80	93	115	115	116	90	109	81
b. Furniture	115	93	100	91	114	86	102	99
c. Appliances	94	102	105	103	98	105	97	97
d. Television and Sound Equipment	96	109	97	91	94	114	99	101
e. Other Household Equipment	100	105	97	90	108	94	103	104
2. Housekeeping Supplies	102	101	94	94	110	95	98	105

Table 3 (Continued)

RELATIVE CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1984
(Average for all areas = 100)

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
III. Apparel	99	99	100	103	109	87	103	101
A. Apparel Commodities	100	101	99	101	110	86	101	102
1. Mens Apparel	100	103	96	93	121	85	97	104
2. Boys Apparel	98	98	94	101	113	97	103	95
3. Womens Apparel	101	102	102	109	99	87	101	101
4. Girls Apparel	97	98	106	97	107	89	106	100
5. Footwear	99	98	98	98	114	81	108	105
B. Apparel Services	94	89	105	117	103	91	109	93
IV. Transportation	104	99	100	104	104	95	98	97
A. Auto Purchase	108	101	105	102	106	85	96	97
1. New Car	99	99	101	99	101	98	100	102
2. Used Car	116	103	109	104	113	72	92	91
B. Gasoline	101	103	100	98	102	99	97	101
C. Maintenance and Repair	97	97	98	110	111	103	96	89
D. Other Private Transportation	102	92	90	112	101	106	102	95
1. Commodities	99	96	96	113	93	105	91	106
2. Services	103	90	88	112	104	107	107	90
V. Other Goods and Services	101	91	98	105	114	95	103	93
A. Medical Care	96	90	97	106	119	95	104	93
1. Commodities	95	101	98	101	106	103	100	96
a. Prescription Drugs	88	97	98	107	106	113	100	92
b. Over-the-Counter Items	101	105	97	96	107	94	100	100
2. Services	97	89	97	107	121	93	104	93
a. Professional Services	93	92	100	102	123	94	101	94
(1) Physicians Services	91	91	97	103	129	99	102	87
(2) Dental Services	94	88	102	103	120	88	102	103
(3) Eye Exam and Eyeglasses	95	101	104	100	111	94	98	97
b. Other Services	100	86	94	110	120	93	107	91
B. Entertainment	109	86	97	106	108	96	106	92
1. Commodities	117	82	96	109	103	93	114	86
2. Services	98	92	99	100	115	100	95	100
C. Personal Care	104	99	102	101	110	93	99	92
1. Toilet Goods and Personal Care Appliances	103	101	100	94	106	103	96	98
2. Personal Care Services	105	98	103	108	113	84	101	87
D. Personal and Educational Expenses	79	104	100	95	114	100	90	117

gories of items that were priced: Food and Beverages, Housing, Apparel, Transportation, and Other Goods and Services. Each of the five categories was comprised of a varying number of subcategories, the subcategories usually containing a varying number of items. A sample of prices for each individual item was collected in each of the eight metropolitan areas. (A listing of each item priced, with category and subcategory combinations indicated, can be found in Table 16 in the Appendix.)

The item price data were combined to produce the subcategory price indicators, the subcategories to category price indicators, and the category into the total indices, using weights adapted from the United States Bureau of Labor Statistics weighting procedures for the all urban consumer index. A description of the weighting procedure used can be obtained from the Tayloe Murphy Institute.

The indices for the five categories, the subcategories, and for many items for each of the eight metropolitan areas for 1984 are shown in Table 3. Indices for earlier years are included in Tables 17 through 25 in the Appendix. The data in the Appendix reflect a few revisions over those published in prior years, resulting from methodological improvements as well as a few corrections to the earlier data. These revisions, however, had virtually no effect either on the interrelationships among the indices for the eight metropolitan areas or on the interrelationships among the indices for the five categories.

As would be expected, wider variations appeared among the category indicators than among the total indicators, and even wider ones in some subcategories. The lowest relative indices were observed for electricity in Lynchburg and Roanoke (the areas served by APCO) at 70, 30% below the average for the eight areas, and Used Car in Petersburg-Colonial Heights-Hopewell at 72, 28% below the average.

Rent was the subcategory with the widest range, from 74 in Lynchburg and

75 in Roanoke to 134 in the Northern Virginia area. In other words, typical rental charge for a two bedroom apartment (the item priced) in Northern Virginia was more than double that observed in Lynchburg and Roanoke and also was 62% above the average for the eight areas combined.

The subcategory which was second to Rent in range of prices was Food Away From Home. Northern Virginia had the highest prices for Food Away From Home, at 31% above the average, a position that Northern Virginia has held nearly every year of this study.

Of the other indices that were 120 or higher, all were recorded in Northern Virginia: Physicians Services at 129, Homeownership at 128, Mens Apparel at 121, and Dental Services and Other Medical Services, both at 120. The overall high consumer prices in Northern Virginia were further evidenced by only 8 of the 80 categories, subcategories, and items shown in Table 3 in which Northern Virginia's position being below the average for the eight areas.

The Food subcategory ranged from 112 in Northern Virginia to 92 in Lynchburg and Petersburg-Colonial Heights-Hopewell.

The lowest relative figure for the Housing category was in Lynchburg at 86, followed closely by Roanoke at 89, and Petersburg-Colonial Heights-Hopewell at 90. The highest relative figure for Housing was in Northern Virginia, 126.

Relative Apparel costs were lowest in Petersburg-Colonial Heights-Hopewell, by 13%, highest in Northern Virginia, by 9%.

Transportation varied only very narrowly among the eight areas studied, from 95 in Petersburg-Colonial Heights-Hopewell to 104 in three areas - Charlottesville, Norfolk-Virginia Beach-Portsmouth, and Northern Virginia.

Other Goods and Services is comprised of Medical Care, Entertainment, Personal Care, and Personal and Educational Expenses. Relative Medical Care costs varied from 19% above the average in Northern Virginia to 10% below the

average in the Lynchburg area. The high figure for Entertainment was 109 in Charlottesville, as compared with a low of 86 in Lynchburg. Personal Care costs were lowest in Roanoke at 92, and highest in Northern Virginia at 110. The range in relative Personal and Educational Expenses (Legal Services are priced here as representative of this category) was from 79 in Charlottesville to 114 in Northern Virginia.

III. Annual Price Level Changes

The average increase in consumer prices from mid-1983 to mid-1984 for the eight areas combined was 7%, compared with 4% in 1983, 5% in 1982, and 14% in 1981. (See Table 4.) The increases in each of the areas fell in a range of 5% to 9% for 1983 to 1984. All eight Virginia areas studied showed increases; these increases were larger than were observed last year in all areas except Northern Virginia and Lynchburg. Lynchburg's change in 1984, +5%, was the same as in 1983. Northern Virginia's change was +5% in 1984, compared with +6% in 1983. Newport News-Hampton and Petersburg-Colonial

Table 4
CHANGES IN CONSUMER PRICE LEVELS
EIGHT VIRGINIA METROPOLITAN AREAS: 1975-1984

	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
1976/1975	+4%	+4%	+4%r	+4%	+7%	+7%r	+8%	+5%
1977/1976	+8	+7	+9	+7	+5	+8	+5	+10
1978/1977	+7r	+10	+8	+8	+8	+7	+9r	+5
1979/1978	+11	+10	+12	+11r	+12	+15	+10	+14r
1980/1979	+9	+11	+7	+11r	+12	+6	+9	+11
1981/1980	+16	+13	+15	+15	+13	+14r	+14	+14
1982/1981	+6	+3	+7	+7	+5	+5	+5	+4r
1983/1982	+2r	+5	+6r	+3r	+5r	+1r	+4r	+3r
1984/1983	+6	+5	+9	+8	+5	+9	+5	+6

r = revised

Heights-Hopewell experienced the largest increases, 9%.

The comparable figure for the total United States was +4.2%, a lower figure than Virginia's. (See Table 5.)

Of the five categories of expenses, Food and Beverages on average increased faster than did any other category in Virginia, with a 10% increase. The top increase in this category, 15%, was observed in Petersburg-Colonial Heights-Hopewell, followed closely by Norfolk-Virginia Beach-Portsmouth at 13% and Newport News-Hampton and Roanoke at 12%.

The Housing category increased, on average among the eight areas, 6%. Newport News-Hampton, at 11%, had the top increase for the second year in a row. A low 4% increase was recorded in Roanoke, followed by 5% in Northern Virginia and Richmond.

Table 5

CHANGES IN CONSUMER PRICE LEVELS: UNITED STATES

	Total	Food and Beverages	Housing	Apparel	Trans-portation	Other Goods and Services
			Index: 1975 = 100			
1975	100.0	100.0	100.0	100.0	100.0	100.0
1976	105.5	102.2	106.3	104.0	109.8	105.6
1977	112.6	109.3	114.1	108.8	117.0	111.3
1978	121.3	117.7	122.2	112.0	122.7	128.2
1979	135.3	129.2	137.4	116.6	142.5	138.3
1980	152.9	140.2	158.6	125.1	164.6	152.0
1981	169.4	151.1	178.3	131.2	185.2	166.4
1982	179.9	157.1	191.0	134.6	193.7	182.4
1983	184.4	159.6	194.1	138.4	197.2	197.4
1984	192.1	166.0	202.6	139.9	204.9	208.7
1984/1983	+4.2%	+4.0%	+4.4%	+1.1%	+3.9%	+5.7%

Source: United States Bureau of Labor Statistics. Based on an average of the Consumer Price Index for July and August.

The average increase for the Apparel category was 6%. The highest increase, 9%, was observed in Roanoke; the lowest was in Norfolk-Virginia Beach-Portsmouth, 3%.

Of the five categories of prices, Transportation (along with Other Goods and Services) had the lowest average increase, 2%. The largest increases for this category, 5%, were experienced in Norfolk-Virginia Beach-Portsmouth and Roanoke. Northern Virginia's Transportation costs held level in 1984, but Richmond showed a decline of four points.

The Other Goods and Services category (Medical Care, Entertainment, Personal Care, and Personal and Educational Expenses) increased on average two points between 1983 and 1984. Charlottesville and Norfolk-Virginia Beach-Portsmouth had the highest increases of any of the areas, 6%, while

Table 6

CHANGES IN CONSUMER PRICE LEVELS: CHARLOTTESVILLE*

	Total	Food and Beverages	Housing	Apparel	Trans-portation	Other Goods and Services
			Index: 1975 = 100			
1975	100	100	100	100	100	100
1976	104	100	103	107	103	108r
1977	112	106	113	123	106	116r
1978	120r	113	120	128	114	126r
1979	133r	124	131	146	135	136
1980	145r	129	144r	144	155	152r
1981	168r	149	169r	157	172	189r
1982	179r	158	174r	179	197	189r
1983	182	158	177r	188	191r	202r
1984	193	167	188	199	194	214
1984/1983	+6%	+6%	+6%	+6%	+2%	+6%

*Metropolitan Statistical Area
r = revised

Lynchburg and Roanoke both experienced declines, -3%.

As in past years, the variations by category in the year-to-year changes for each of the eight Virginia metropolitan areas were larger than for the total United States. This wider variation is as would be expected when studying smaller areas in which local factors (e.g., work stoppages, shortages of raw materials, weather) can affect the area's economy to a greater degree than the larger national economy would be affected.

In the Charlottesville Metropolitan Statistical Area prices increased 6% in 1984, up from 3% in 1983, and similar to the 6% recorded in 1982. (See Tables 6, 26, and 27.) The Charlottesville increase was narrowly lower than the average for the eight areas studied.

Four categories - Food and Beverages, Housing, Apparel, and Other Goods

Table 7

CHANGES IN CONSUMER PRICE LEVELS: LYNCHBURG*

	Total	Food and Beverages	Housing	Apparel	Trans-portation	Other Goods and Services
			Index: 1975 = 100			
1975	100	100	100	100	100	100
1976	104	99	102	120	103	102r
1977	111	105	109	128	108	105r
1978	122	111	120	139	121	119r
1979	135	125	128	153	141	131r
1980	149	131	143	151	159	159r
1981	169	143	164	175	179	178r
1982	174	141	167	196	194	182r
1983	183	155	169	208	194r	209r
1984	192	163	179	218	200	203
1984/1983	+5%	+5%	+6%	+5%	+3%	-3%

*Metropolitan Statistical Area
r = revised

and Services - in 1984 in the Charlottesville area all increased 6%, the same as the average. Only the Transportation category differed from the other categories, the category including auto purchase and maintenance and gasoline showed a two point rise in Charlottesville in 1984 when compared with 1983.

The Charlottesville area's consumer price level relative to the other areas continued to hold above average in 1984, at 104, second by a wide margin, along with Norfolk-Virginia Beach-Portsmouth, to Northern Virginia.

Between 1983 and 1984 the Lynchburg Metropolitan Statistical Area experienced a 5% increase in consumer prices. (See Table 7.) The Lynchburg area's overall increase resulted from a +6% change for Housing, +5% for Food and Beverages and Apparel, +3% for Transportation, and a three point decline

Table 8

CHANGES IN CONSUMER PRICE LEVELS: NEWPORT NEWS-HAMPTON AREA

	Total	Food and Beverages	Housing	Apparel	Trans-portation	Other Goods and Services
			Index: 1975 = 100			
1975	100	100	100	100	100	100
1976	104r	103	105	105	105	100r
1977	113r	114	113	113	107	114r
1978	122r	120	122	127	118	124
1979	137r	131	136	141	139	135r
1980	147r	139	145	138	154	145
1981	169r	147	172	148	177	178r
1982	181r	156	181r	177	193	184r
1983	191	162	191r	190	193r	209r
1984	209	181	212	200	195	218
1984/1983	+9%	+12%	+11%	+5%	+1%	+4%

r = revised

in Other Goods and Services.

The Lynchburg area's prices in 1984, however, were 7% below the average for the eight areas studied, holding a low position relative to the other seven areas. This level is similar to that observed in all prior nine years of the Tayloe Murphy Institute analysis.

The Newport News-Hampton area's total change in consumer prices between 1983 and 1984 was +9%. (See Table 8.) The Food and Beverage category led the increases in this area, with a 12% increase, followed closely by an 11% increase in Housing. The Apparel category increased 5%, while Other Goods and Services experienced a +4% and Transportation +1%. The change in the Housing category in Newport News-Hampton was the highest of the eight areas covered, for the second year in a row.

Table 9

CHANGES IN CONSUMER PRICE LEVELS: NORFOLK-VIRGINIA BEACH-PORTSMOUTH AREA

	Total	Food and Beverages	Housing	Apparel	Trans-portation	Other Goods and Services
			Index: 1975 = 100			
1975	100	100	100	100	100	100
1976	104	102	101	109	107	108
1977	111	109	107	128	110	114
1978	120	121	115r	134	118	122
1979	133r	131	125	143	137	140r
1980	148r	144	139r	142	159	148r
1981	170r	163	158	159	182	181
1982	182r	158	172	194	197	188r
1983	188r	159	179	205	187r	199r
1984	203	180	190	211	196	211
1984/1983	+8%	+13%	+6%	+3%	+5%	+6%

r = revised

The Newport News-Hampton area prices in total, relative to the other areas studied in 1984, were two points above the average. Thus Newport News-Hampton has moved up to a position higher than that held by this area throughout the prior nine years studied in this analysis.

For the Norfolk-Virginia Beach-Portsmouth area, the change in consumer prices from 1983 to 1984 was +8%. (See Table 9.)

The Food and Beverage category had a 13% increase in Norfolk-Virginia Beach-Portsmouth. Housing and Other Goods and Services were up 6%, Transportation 5%, and Apparel increased 3%.

The Norfolk-Virginia Beach-Portsmouth area's consumer price level in 1984, 104 relative to the other areas, was above average, creeping up to the second position, along with Charlottesville, of the eight areas covered in the

Table 10

CHANGES IN CONSUMER PRICE LEVELS: NORTHERN VIRGINIA*

	Total	Food and Beverages	Housing	Apparel	Transportation	Other Goods and Services
			Index: 1975 = 100			
1975	100	100	100	100	100	100
1976	107	101	104	112	112	111r
1977	112	104	112	119	113	118r
1978	121	119	120r	127	121	125r
1979	136	129	135r	133	144	138
1980	152	136	151r	144	167	163r
1981	174r	147	173r	169	192	186r
1982	182r	151	179r	177	211	196r
1983	191r	166	184r	188	209	209r
1984	201	179	193	201	209	215
1984/1983	+5%	+8%	+5%	+7%	0%	+3%

*Northern Virginia portion of the Washington-Arlington DC-MD-VA MSA
r = revised

Tayloe Murphy Institute study.

The Northern Virginia portion of the Washington DC-MD-VA Metropolitan Statistical Area experienced a 5% increase in consumer prices in 1984, a similar increase to that observed in 1983 and 1982. (See Tables 10, 25, and 26.) The 1984 figure was the result of increases of 8% for Food and Beverages, 7% for the Apparel category, 5% for Housing, and 3% for the Other Goods and Services category. The Transportation category held even in Northern Virginia between 1983 and 1984.

The Northern Virginia area's position relative to the other eight areas, 117 in 1984, continued the significantly higher pattern of prices than recorded in any of the other seven areas.

The Petersburg-Colonial Heights-Hopewell area experienced a 9% increase

Table 11

CHANGES IN CONSUMER PRICE LEVELS: PETERSBURG-COLONIAL HEIGHTS-HOPEWELL AREA

	Total	Food and Beverages	Housing	Apparel	Trans-portation	Other Goods and Services
			Index: 1975 = 100			
1975	100	100	100	100	100	100
1976	107r	100	105	114	111	111r
1977	116r	109	112r	127	115	118r
1978	124r	122	120r	140	120	120r
1979	142r	131	138r	153	149	138r
1980	150r	141	141r	158	168	152r
1981	170r	150	165	169	188	175r
1982	179r	151	172	182	202	190r
1983	181r	150	173	190	191r	217r
1984	197	173	187	201	197	223
1984/1983	+9%	+15%	+8%	+6%	+3%	+3%

r = revised

overall between 1983 and 1984. (See Table 11.) The 1984 over 1983 change was led by the Food and Beverages category, at +15%, after a decline between 1982 and 1983. The Housing category showed an increase of 8%, while Apparel experienced +6%. Other Goods and Services and Transportation were both recorded at +3%.

The Petersburg-Colonial Heights-Hopewell area's consumer price level in 1983, 93 relative to the other areas, was, along with Lynchburg, the lowest observed. Petersburg-Colonial Heights-Hopewell either has held the lowest relative position or has been within three points of the lowest score in each of the prior nine years of this study.

The increase in consumer prices from 1983 to 1984 for the Richmond area was 5%. (See Table 12.) The Richmond increase was caused by a 10% increase

Table 12

CHANGES IN CONSUMER PRICE LEVELS: RICHMOND*

	Total	Food and Beverages	Housing	Apparel	Trans-portation	Other Goods and Services
			Index: 1975 = 100			
1975	100	100	100	100	100	100
1976	108	100	106	115	116	115r
1977	113	107	112	118	115	124r
1978	124r	116	122	141	129	130r
1979	136r	121	135r	156	147	149r
1980	148r	130	144r	158	172	161r
1981	169r	140	166	169r	197	197r
1982	177r	146	171	189r	215	203r
1983	185r	147	178r	203r	208r	240r
1984	194	162	186	213	200	245
1984/1983	+5%	+10%	+5%	+5%	-4%	+2%

*Metropolitan Statistical Area
r = revised

in the Food and Beverage category, +5% for both Housing and Apparel, +2% for Other Goods and Services, and a four point decline in the Transportation category.

The Richmond area's position in 1984, 101 relative to the other areas, just narrowly over the average, followed a pattern fairly similar to that observed for Richmond in the other years of this Tayloe Murphy Institute analysis.

In 1984, the Roanoke Metropolitan Statistical Area experienced an increase in consumer prices of 6% as compared with 1983, after a 3% increase in 1983. (See Tables 13 and 25.) The total index was led by the Food and Beverages category increase of 12%, followed by Apparel at +9%, Transportation at +5%, and Housing at +4%. The Other Goods and Services category in Roanoke declined by three percentage points in 1984.

Table 13

CHANGES IN CONSUMER PRICE LEVELS: ROANOKE*

	Total	Food and Beverages	Housing	Apparel	Trans-portation	Other Goods and Services
			Index: 1975 = 100			
1975	100	100	100	100	100	100
1976	105	102	105	100	106	109
1977	116	111	114	113	116	112r
1978	121	119	118	120	126	120r
1979	138r	133	134r	129	151	127r
1980	153r	148	146r	138	168	157r
1981	175r	157	170r	149	198	179r
1982	182	160	173r	172	220	180r
1983	187r	166	180r	182	196r	218r
1984	199	186	187	198	205	212
1984/1983	+6%	+12%	+4%	+9%	+5%	-3%

*Metropolitan Statistical Area
r = revised

Table 14

CHANGES IN CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1984 OVER 1983

Category or Subcategory	Metropolitan Areas: Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
Total	+6%	+5%	+9%	+8%	+5%	+9%	+5%	+6%
I. Food and Beverages	+6%	+5%	+12%	+13%	+8%	+15%	+10%	+12%
A. Food	+6	+5	+13	+13	+8	+16	+10	+13
1. Food At Home	+6	+5	+7	+5	+4	+5	+5	+9
2. Food Away From Home	+6	+6	+24	+31	+17	+38	+22	+22
B. Alcoholic Beverages	0	0	0	0	+3	0	0	0
II. Housing	+6%	+6%	+11%	+6%	+5%	+8%	+5%	+4%
A. Shelter	+4	+4	+10	+5	+2	+8	+2	+5
1. Rent	+8	0	+29	+10	+4	+25	+1	+6
2. Homeownership	+2	+6	0	+2	0	-1	+3	+5
B. Fuels and Other Utilities	+11	+11	+18	+18	+17	+16	+16	+3
1. Fuels	+5	+4	+10	+7	+5	+2	+5	+3
2. Electricity	+33	+8	+33	+33	+33	+33	+33	+9
3. Natural Gas	0	-3	+3	+3	-3	-7	-5	-14
4. Other Utilities and Public Services	+2	+31	+22	+21	+27	+26	+22	+14
C. Household Furnishings and Operation	+4	+5	+3	-4	+1	0	+1	+2
1. House Furnishings	+5	+9	+4	-7	0	+4	-3	+1
2. Housekeeping Supplies	+1	-2	+1	+5	+1	-9	+10	+5
III. Apparel	+6%	+5%	+5%	+3%	+7%	+6%	+5%	+9%
A. Apparel Commodities	+5	+4	+5	+3	+7	+6	+4	+10
1. Mens Apparel	+6	-1	-5	-13	+15	+14	-4	+9
2. Boys Apparel	-2	+6	-5	+1	+13	-3	-7	-4
3. Womens Apparel	+10	+9	+15	+18	+2	+4	+10	+19
4. Girls Apparel	+3	+6	+6	-3	+4	+1	+5	+2
5. Footwear	-1	+4	+6	+5	+5	-1	+7	+4
B. Apparel Services	+8	+11	+4	+5	+6	+7	+11	+5
IV. Transportation	+2%	+3%	+1%	+5%	0%	+3%	-4%	+5%
A. Auto Purchase	+9	+8	+10	+12	+2	+4	-1	+7
1. New Car	+7	-7	+3	+6	+4	+11	+1	+7
2. Used Car	+10	+24	+18	+19	-1	-3	-3	+7
B. Gasoline	-8	-4	-10	-7	-4	-5	-12	+3
C. Maintenance and Repair	+3	+5	-8	+13	+1	+14	-4	-3
D. Other Private Transportation	+2	+1	+1	+1	0	+6	-1	+6
1. Commodities	+3	+6	+4	+7	+5	+14	-3	+6
2. Services	+1	-1	-1	-1	-2	+3	+1	+5
V. Other Goods and Services	+6%	-3%	+4%	+6%	+3%	+3%	+2%	-3%
A. Medical Care	0	-2	+2	+3	0	+3	+4	-2
1. Commodities	+7	+9	+14	+19	+10	+7	+15	+2
2. Services	-1	-4	+1	+1	-2	+2	+2	-3
B. Entertainment	+20	-10	+6	+11	+5	+1	-1	-6
1. Commodities	+29	-17	+6	+14	+5	-1	-4	-11
2. Services	+7	+1	+6	+7	+6	+4	+2	+2
C. Personal Care	+1	+10	+2	+6	+10	+1	+3	0
1. Toilet Goods and Personal Care Appliances	+4	+12	+7	+6	+15	+8	+9	+9
2. Personal Care Services	-2	+9	-2	+6	+5	-5	-2	-8
D. Personal and Educational Expenses	-9	+5	+6	+5	-13	+20	-14	+13

The Roanoke area in 1984, as has been the case in previous years, recorded one of the lower positions relative to the other seven areas, 95, two points higher than Petersburg-Colonial Heights-Hopewell and Lynchburg, the two areas with the lowest index.

The changes in the consumer price indicators for each of the eight Virginia metropolitan areas studied, for categories and subcategories and selected items, for 1984 over 1983 are shown in Table 14. Previous years' data are shown in the Appendix in Table 26 through Table 33. The largest increases reported in these tables in 1984 for subcategories or items were in Electricity, up 33% in the Charlottesville, Newport News-Hampton, Norfolk-Virginia Beach-Portsmouth, Northern Virginia, Petersburg, and Richmond areas, those areas that are served by VEPCO, while the areas served by APCO experienced 8% or 9% increases. Food Away from Home also showed large increases, 38% in Petersburg-Colonial Heights-Hopewell, 31% in Norfolk-Virginia Beach-Portsmouth, 24% in Newport News-Hampton, and 22% in Richmond and Roanoke. Entertainment Commodities (comprising Tennis Rackets and Car Stereos) increased 29% in Charlottesville. Rent ranged from +29% in Newport News-Hampton and +25% in Petersburg-Colonial Heights-Hopewell to +1% in Richmond and no change in Lynchburg.

The number of items or subcategories, for which decreases in average costs were evident in Tables 14 and 27 through 33, had increased markedly between 1982 and 1983, after a similar increase from 1981 to 1982. In 1984, however, declines occurred in a somewhat smaller number of items than in 1983, 63 of the 240 item or subcategory changes shown in Table 14, as compared with 66 in 1983, 44 in 1982, and 17 in 1981. Declines in 1984 appeared most frequently in the Transportation category, particularly Gasoline and Transportation Services (Auto Insurance, Registration, and Operators Permit). Furthermore, Natural Gas on average declined three points and Medical Services (Hospital and Medical Insurance Costs) half a point.

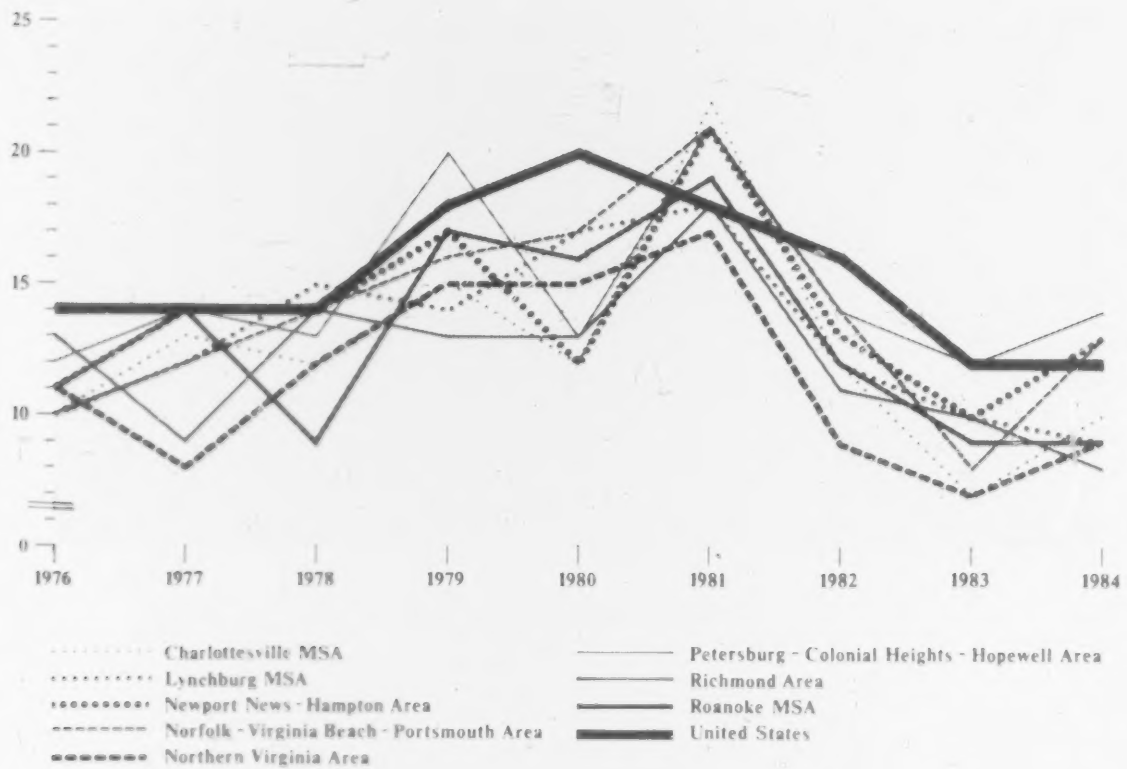
IV. "Discomfort" or "Misery" Index

The discomfort index, or the misery index, is a composite measure of unemployment and inflation. The sum of the civilian unemployment rate and the 12-month percent change in the consumer price index equals this index which was devised by the economist, Arthur M. Okun.[1] The lower the index, the better is the economy, or the lower is the level of discomfort or misery.

Chart 2

"Discomfort" or "Misery" Index[1]

Eight Virginia Metropolitan Areas and United States, 1976-1984



[1] The "Discomfort" or "Misery" Index is simply the sum of the unemployment rate and the inflation rate.

These data are shown for the eight Virginia metropolitan areas for the first time in this publication. (See Chart 2 and Table 15.) Recently renewed interest in this index has been shown nationally because of the attainment in June 1984 of the lowest point in nearly eleven years. In August 1973, the United States discomfort index rose from 10.4% in the prior month to 12.2%.

There was remarkable similarity in the discomfort indices among the patterns experienced by the eight Virginia metropolitan areas between 1976 and 1977. However, unlike the cost-of-living indicators (see Chart 1) there was only limited continuous similar positioning for the individual areas. Petersburg-Colonial Heights-Hopewell frequently held a top position, but the highest place was held by Richmond in 1976, shared by Petersburg-Colonial

Table 15

"DISCOMFORT" OR "MISERY" INDEX*
EIGHT VIRGINIA METROPOLITAN AREAS AND UNITED STATES: 1976 - 1984

	Metropolitan Areas								
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke	United States
1976	10%	10%	11%	10%	11%	12%	13%	11%	14%
1977	13	12	14	12	8	14	9	14	14
1978	12	15	14	14	12	13	14	9	14
1979	15	14	17	16	15	20	13	17	18
1980	12	17	12	17	15	13	13	16	20
1981	22	18	21	21	17	21	18	19	18
1982	12	12	13	14	9	14	11	12	16
1983	7	10	10	8	7	12	10	9	12
1984	10	9	13	13	9	14	8	9	12

*The Discomfort or Misery Index is the sum of the civilian unemployment rate and the 12-month percent change in the consumer price index.

Source: Virginia Employment Commission, Labor Force Estimates for the United States, Virginia, and Virginia's SMSA's, LMA's, Cities and Counties (Richmond, VA.: VEC August 1976-1983, June 1984.)

Heights-Hopewell with Newport News-Hampton and Roanoke in 1977, held by Lynchburg in 1978, Lynchburg and Norfolk-Virginia Beach-Portsmouth in 1980, and Charlottesville in 1981, and again shared, but this time with Norfolk-Virginia Beach-Portsmouth, in 1982.

The low positions also shifted among all areas excluding Petersburg-Colonial Heights-Hopewell. Northern Virginia attained or shared the best reading in four years, Charlottesville in three years, Richmond twice, and Lynchburg, Newport News-Hampton, Norfolk-Virginia Beach-Portsmouth, and Roanoke each once.

The figures for the eight metropolitan areas in Virginia for 1984 ranged from 8% for the Richmond area to 14% for the Petersburg-Colonial Heights-Hopewell area. The Lynchburg, Northern Virginia, and Roanoke areas all experienced 9% indices, the Charlottesville area was 10%, and both the Newport News-Hampton and the Norfolk-Virginia Beach-Portsmouth areas had 13% discomfort areas. The average of these eight indices was slightly lower than the comparable figures for the total United States, 12%.

In 1984, Richmond and Lynchburg each experienced the lowest discomfort indices of any of the years including 1976, the first year for which data are available in this series. Roanoke's index for 1984, 9%, was a low, equal to the figure that appeared for that area in 1978 and 1983.

Charlottesville, Lynchburg, Norfolk-Virginia Beach-Portsmouth, Northern Virginia, and Petersburg-Colonial Heights-Hopewell all experienced in 1983 their lowest discomfort indices of the nine years. Charlottesville and Northern Virginia produced 7% indices, the lowest recorded for any areas for the period under consideration.

The increases in the discomfort indices between 1983 and 1984 all were the result of increases in the consumer price indicators. The unemployment rates in each of the eight areas either held even or declined in 1984 when compared with 1983.

Appendix Tables

Consumer Price Index Weights

Relative Consumer Price Indices, 1975-1983

Changes in Price Levels, 1975-1983

Table 16

UNITED STATES CONSUMER PRICE INDEX WEIGHTS
AND DERIVED VIRGINIA SURVEY WEIGHTS

	United States Consumer Price Index Weights*	Virginia Survey Weights
Total	100.000	100.000
I. Food and Beverages	19.844	19.844
A. Food At Home	12.628	12.628
1. Cereals and Bakery Products	1.699	1.699
a. Cereal	.206	.206
(1) Corn Flakes		.103
(2) Rolled Oats		.103
b. Rice	.122	.121
c. Flour	.103	.103
d. Bakery Products	1.269	1.269
(1) White Bread[1]	.358	.613
(2) Bread, other than White[1]	.123	
(3) Fresh Biscuits, Rolls, Muffins[1]	.131	
(4) Sweet Rolls, Coffee Cake, Doughnuts[2]	.138	
(5) Crackers, Stuffing, Bread Crumbs, Cracker Meal[2]	.084	
(a) Crackers[2]		.111
(b) Cracker Meal[2]		.111
(6) Cookies[3]	.165	.434
(7) Fresh Pie, Tart, Turnover, Frozen Bakery Products[3]	.116	
(8) Fresh Cake and Cupcakes[3]	.153	
2. Meats, Poultry, Fish, and Eggs	4.026	4.026
a. Meats	2.955	2.955
(1) Beef	1.607	1.607
(a) Hamburger	.415	.686
(b) Chuck Roast	.189	.313
(c) Rib Roast		.262
(d) Round Roast[4]	.159	
(e) Round Steak[4]	.100	.346
(f) Sirloin Steak[4]	.110	
(g) Other Beef	.633	
(2) Pork	.845	.845
(a) Bacon	.158	.197
(b) Pork Chops	.177	.220
(c) Whole Ham	.141	.175
(d) Canned Ham	.078	.097
(e) Pork Sausage	.125	.156
(f) Other Pork	.167	.000
(3) Other Meats	.503	.503
(a) Frankfurters	.122	.232
(b) Bologna, Liverwurst, Salami	.110	.271
(c) Other Lunchmeats	.172	.000
(d) Lamb and Organ Meats	.097	.000
(e) Unpriced Items	.002	.000
b. Poultry	.407	.407
(1) Fresh Whole Chicken	.170	.407
(2) Fresh or Frozen Chicken Parts	.137	
(3) Other Poultry	.101	
c. Fish and Seafood	.415	.415
(1) Canned Fish and Seafood	.143	.143
(a) Canned Tuna		.048
(b) Canned Salmon		.048
(c) Canned Sardines		.047
(2) Fresh or Frozen Fish	.272	.272
(a) Perch Fillets, Frozen		.136
(b) Haddock Fillets, Frozen		.136
d. Eggs	.244	.249

Table 16 (Continued)

UNITED STATES CONSUMER PRICE INDEX WEIGHTS
AND DERIVED VIRGINIA SURVEY WEIGHTS

	United States Consumer Price Index Weights*	Virginia Survey Weights
3. Dairy Products	1.651	1.651
a. Fresh Milk and Cream	.932	.933
(1) Fresh Whole Milk	.678	.678
(2) Cream and Fresh Milk, Other Than Whole Milk	.255	.255
b. Other Dairy Products	.718	.718
(1) Butter	.086	.086
(2) Cheese	.355	.355
(3) Ice Cream	.180	.180
(4) Evaporated Milk	.097	.097
4. Fruits and Vegetables	1.888	1.888
a. Fresh Fruits	.441	.441
(1) Apples	.093	.174
(2) Bananas	.051	.096
(3) Oranges	.091	.171
(4) Other Fresh Fruits	.206	.000
b. Fresh Vegetables	.552	.552
(1) White Potatoes	.125	.063
(2) Sweet Potatoes		.062
(3) Lettuce	.117	.117
(4) Tomatoes	.054	.055
(5) Other Fresh Vegetables	.255	.255
(a) Green Beans		.051
(b) Cabbage		.051
(c) Carrots		.051
(d) Celery		.051
(e) Onions		.051
c. Processed Fruits	.450	.450
(1) Frozen Fruit and Fruit Juices	.123	.198
(a) Frozen Orange Juice		.099
(b) Frozen Lemonade		.099
(2) Fruit Juices, other than Frozen	.170	.000
(3) Canned and Dried Fruits	.158	.252
(a) Canned Peaches		.126
(b) Canned Fruit Cocktail		.126
d. Processed Vegetables	.445	.445
(1) Frozen Vegetables	.121	.120
(a) Frozen Peas		.030
(b) Frozen Green Beans		.030
(c) Frozen Broccoli		.030
(d) Frozen Fried Potatoes		.030
(2) Canned Cut Corn	.111	.111
(3) Other Canned and Dried Vegetables	.213	.214
(a) Canned Tomatoes		.054
(b) Canned Peas		.054
(c) Canned Sliced Beets		.053
(d) Dried Navy Beans		.053
5. Sugar and Other Sweets	.484	.484
a. Sugar and Artificial Sweeteners	.141	.141
b. Candy	.228	.228
c. Jelly	.119	.115
6. Fats and Oils	.361	.361
a. Margarine	.098	.098
b. Lard, Shortening, Oil, Mayonnaise, Salad Dressing	.186	.186
(1) Cooking Oil		.062
(2) Shortening		.062
(3) Salad Dressing		.062
c. Peanut Butter	.077	.077
7. Nonalcoholic Beverages	1.387	1.387
a. Cola Drinks[5]	.559	.862
b. Dietary Carbonated Drinks[5]	.303	
c. Ground Coffee	.129	.129
d. Instant Coffee	.137	.137
e. Tea Bags	.259	.259

Table 16 (Continued)

UNITED STATES CONSUMER PRICE INDEX WEIGHTS
AND DERIVED VIRGINIA SURVEY WEIGHTS

	United States Consumer Price Index Weights*	Virginia Survey Weights
8. Miscellaneous Prepared Foods	1.132	1.132
a. Tomato Soup	.107	.246
b. Baby Food	.173	.398
c. Snacks	.212	.488
(1) Potato Chips		.163
(2) Corn Chips		.163
(3) Popcorn		.162
d. Seasonings, Spices, Pickles, Relishes	.120	.000
e. Other Condiments	.182	.000
f. Frozen Prepared Foods	.178	.000
g. Other Canned, Packaged Prepared Foods	.160	.000
B. Food Away From Home	6.115	6.115
1. Lunch	1.956	2.878
2. Dinner	2.200	3.237
3. Breakfast and Brunch	1.180	.000
4. Unpriced Items	.779	.000
C. Alcoholic Beverages	1.101	1.101
1. Whiskey and Wine	.313	1.101
a. Whiskey	.182	1.101
b. Wine	.131	.000
2. Beer and Ale	.421	.000
3. Other Alcoholic Beverages	.103	.000
4. Alcoholic Beverages Away From Home	.211	.000
5. Unpriced Items	.054	.000
II. Housing	37.615	39.083
A. Shelter	21.531[6]	23.761
1. Rent of Dwelling[6]	7.019	7.746
2. Other Rental Costs	.931	
a. Lodging While Out of Town[6]	.591	
b. Tenants' Insurance[7]	.084	
c. Unpriced Items[6]	.256	
3. Homeownership	13.580	16.015
a. Owner's Equivalent Rent	12.649	
b. Home Purchase		6.970
c. Mortgage Interest Cost		6.886
d. Property Taxes		1.139
e. Property Insurance[7]	.400	.434
f. Maintenance and Repair Service	.295	.325
(1) Repainting		.325
g. Maintenance and Repair Commodities	.236	.261
(1) Exterior Paint	.128	.261
(2) Lumber, Paneling, Awning, Glass, Black Top, Masonry Materials	.009	
(3) Plumbing and Electrical Supplies	.009	
(4) Miscellaneous Supplies and Equipment	.061	
(5) Unpriced Items	.029	
B. Fuels and Other Utilities	8.213	9.063
1. Fuels	1.355	1.495
a. Fuel Oil[8]	1.150	1.495
b. Coal, Bottled or Tank Gas[8]	.196	
c. Unpriced Items[8]	.009	

Table 16 (Continued)

UNITED STATES CONSUMER PRICE INDEX WEIGHTS
AND DERIVED VIRGINIA SURVEY WEIGHTS

	United States Consumer Price Index Weights*	Virginia Survey Weights
2. Electricity	2.573	2.840
3. Natural Gas	2.101	2.318
4. Other Utilities	2.183	2.410
a. Telephone	1.484	1.791
b. Water and Sewage Maintenance	.513	.619
c. Community Antenna or Cable TV	.058	.000
d. Garbage and Trash Collection	.120	.000
e. Unpriced Items	.008	.000
C. Household Furnishings and Operation	7.871	6.259
1. House Furnishings	4.013	4.428
a. Textiles	.574	.634
(1) Household Linen	.279	.311
(a) Top Sheet		.155
(b) Blanket		.156
(2) Curtains	.293	.323
(3) Unpriced Items	.002	
b. Furniture	1.287	1.420
(1) Bedroom Furniture	.420	.465
(a) Box Spring and Mattress		.233
(b) Bedroom Suite		.232
(2) Living Room Suite[9]	.481	.530
(a) Sofa[9]	.228	
(b) Living Room Tables and Chairs[9]	.253	
(3) Dining Room Suite	.385	.425
c. Appliances	.531	.586
(1) Refrigerator	.108	.174
(2) Washing Machine	.073	.117
(3) Toaster	.184	.295
(4) Stove, Dishwasher, Floor Cleaning Equipment, Sewing Machine	.161	.000
(5) Unpriced Items	.006	.000
d. Television, Radio, and Sound Equipment	.627	.692
(1) Television	.274	.302
(a) Color Television		.302
(2) Phonograph	.353	.390
e. Other Household Equipment	.994	1.096
(1) Carpet	.205	.611
(2) Clock Radio	.163	.485
(3) Tableware, Non-Electric Cooking and Kitchenware	.317	.000
(4) Lawn and Garden Equipment, Power Tools	.201	.000
(5) Unpriced Items	.108	.000
2. Housekeeping Supplies	1.659	1.831
a. Detergent	.354	.544
b. Liquid Bleach	.273	.421
c. Toilet Tissue	.262	.404
d. Furniture Polish	.300	.462
e. Lawn and Garden Supplies	.238	.000
f. Stationery Supplies	.232	.000
3. Housekeeping Services	2.199	.000
III. Apparel and Upkeep	5.160	5.362
A. Apparel Commodities	4.368	4.539
1. Mens Apparel	1.125	1.396
a. Mens Suit, Year-Round	.302	.381
b. Mens Topcoat	.096	.121

Table 16 (Continued)

UNITED STATES CONSUMER PRICE INDEX WEIGHTS
AND DERIVED VIRGINIA SURVEY WEIGHTS

	United States Consumer Price Index Weights*	Virginia Survey Weights
c. Mens Undershorts, Sweater, Pajamas	.257	.322
(1) Undershorts		.107
(2) Sweater		.108
(3) Pajamas		.107
d. Mens Dress Shirt	.202	.254
e. Mens Slacks	.253	.318
f. Unpriced Items	.015	.000
2. Boys Apparel	.289	.361
a. Boys Coats, Jackets, Sweaters, Shirts	.096	.129
(1) Coat and Jacket		.043
(2) Sweater		.043
(3) Sport Shirt		.043
b. Boys Underwear, Nightwear, Hosiery, Accessories	.056	.072
(1) Boys Underpants		.036
(2) Boys Pajamas		.036
c. Boys Trousers	.124	.160
d. Unpriced Items	.013	.000
3. Womens Apparel	1.309	1.625
a. Womens Coats, All Weather	.145	.194
b. Womens Dress	.288	.391
c. Womens Separates and Sportswear	.276	.378
(1) Sweater		.126
(2) Blouse		.126
(3) Slacks		.126
d. Womens Sleepwear, Undergarments, Hosiery	.392	.532
(1) Brassiere		.133
(2) Panties		.133
(3) Nightgown		.133
(4) Hosiery		.133
e. Womens Purse	.096	.130
f. Womens Suit	.112	.000
4. Girls Apparel	.274	.339
a. Girls Jackets	.091	.117
b. Girls Separates and Sportswear	.107	.132
(1) Sweater		.033
(2) Skirt		.033
(3) Blouse		.033
(4) Slacks		.033
c. Girls Underwear, Sleepwear, Hose, Accessories	.072	.090
(1) Panties		.030
(2) Socks		.030
(3) Pajamas and Nightgown		.030
d. Unpriced Items	.004	.000
5. Infants and Toddlers Apparel	.117	.000
6. Footwear	.659	.818
a. Mens Street Shoes	.221	.274
b. Boys and Girls Footwear	.176	.219
(1) Boys Sneakers		.073
(2) Boys Dress Shoes		.073
(3) Girls Street Shoes		.073
c. Womens Dress and Street Shoes	.262	.325
7. Sewing Materials and Notions	.153	.000
8. Jewelry and Luggage	.442	.000
B. Apparel Services	.792	.823
1. Laundry and Dry Cleaning[10]	.528	.823
2. Apparel and Jewelry Repair[10]	.264	

Table 16 (Continued)

UNITED STATES CONSUMER PRICE INDEX WEIGHTS
AND DERIVED VIRGINIA SURVEY WEIGHTS

	United States Consumer Price Index Weights*	Virginia Survey Weights
IV. Transportation	21.813	22.664
A. Private Transportation	20.273	22.664
1. Auto Purchase	8.383	10.341
a. New Car, Truck, Motorcycle[11]	3.914	5.345
b. Used Car	4.469	4.996
2. Gasoline	5.965	6.668
a. Gasoline	5.866	6.557
b. Motor Oil	.099	.111
3. Maintenance and Repair	1.707	1.909
a. Maintenance and Servicing	.619	1.178
(1) Tune-Up		.589
(2) Lubrication		.589
b. Front-End Alignment	.383	.731
c. Body Work	.247	.000
d. Power Plant Repair	.459	.000
4. Other Private Transportation	4.217	3.746
a. Commodities	.601	.672
(1) Tires	.426	.477
(2) Parts and Equipment	.174	.195
(a) Battery		.065
(b) Spark Plugs		.065
(c) Oil Filter		.065
b. Services	3.617	3.074
(1) Auto Insurance	2.027	2.266
(2) State Registration	.309	.676
(3) Local Registration	.028	.061
(4) Operators Permit	.032	.071
(5) Vehicle Finance Charges[11]	.867	
(6) Vehicle Inspection	.020	.000
(7) Car and Truck Rental	.288	.000
(8) Unpriced Items	.046	.000
B. Public Transportation	1.540	.000
V. Other Goods and Services	15.568	13.047
A. Medical Care	6.144	6.384
1. Medical Care Commodities	1.011	.942
a. Prescription Drugs	.488	.507
(1) Ataraxics, Relaxants, Hypnotics	.086	.172
(a) Sedatives		.086
(b) Tranquilizers		.086
(2) Anti-Infective Drugs	.093	.185
(3) Analgesics	.075	.150
(4) Hormones, Diabetic Drugs, Biologicals, Prescription Supplies	.095	.000
(5) Circulatories and Diuretics	.061	.000
(6) Dietary Supplements, Uppers, Respiratory Agents	.078	.000
b. Over-the-Counter Items	.524	.435
(1) Internal and Respiratory Drugs	.310	.435
(a) Multiple Vitamins		.145
(b) Pain Relievers		.145
(c) Cough Syrup		.145
(2) Nonprescription Medical Equipment and Supplies	.111	.000
(3) Eyeglasses[12]	.103	.000

Table 16 Continued)

UNITED STATES CONSUMER PRICE INDEX WEIGHTS
AND DERIVED VIRGINIA SURVEY WEIGHTS

	United States Consumer Price Index Weights*	Virginia Survey Weights
2. Medical Care Services	5.133	5.442
a. Professional Services	2.355	2.555
(1) Physicians Services	1.186	1.256
(a) M.D. Office Visit		.314
(b) Tonsillectomy Fee		.314
(c) Herniorrhaphy Fee		.314
(d) Obstetrical Fee		.314
(2) Dental Services	.867	.914
(a) Dental Filling		.457
(b) Tooth Cleaning		.457
(3) Eye Examination[12]	.260	.385
(4) Unpriced Items	.042	.000
b. Other Medical Care Services	2.778	2.887
(1) Hospital Costs	.505	.528
(2) Health Insurance	2.270	2.359
(3) Unpriced Items	.003	.000
B. Entertainment	4.210	4.374
1. Entertainment Commodities	2.462	2.558
a. Sporting Goods and Equipment	.658	.967
(1) Tennis Racket		.967
b. Reading Materials	.722	.000
c. Toys, Hobbies, Other Entertainment	1.082	1.591
(1) Car Stereo		1.591
2. Entertainment Services	1.748	1.816
a. Admissions, Fees, and Other Entertainment Services	1.748	1.816
(1) Movie Admission		.908
(2) Bowling		.908
C. Personal Care	1.869	1.942
1. Toilet Goods and Personal Care Appliances	.864	.898
a. Shampoo	.229	.238
b. Dental and Shaving Products	.184	.192
(1) Toothpaste		.096
(2) Shaving Cream		.096
c. Cosmetics and Other Toilet Goods	.262	.468
(1) Toilet Soap		.156
(2) Tissues		.156
(3) Deodorant		.156
d. Other Toilet Goods and Small Personal Care Services	.189	.000
2. Personal Care Services	1.005	1.044
a. Beauty Shop Services	.683	.710
b. Mens Haircut	.321	.334
D. Personal and Educational Expenses	1.874	.347
1. Legal Services	.334	.347
a. Will		.087
b. Divorce		.087
c. Adoption		.086
d. House Closing		.087
2. School Books and Supplies[13]	.232	.000
3. Tuition and Other School Fees[13]	1.308	.000
E. Tobacco Products[13]	1.471	.000

Table 16 (Continued)

UNITED STATES CONSUMER PRICE INDEX WEIGHTS
AND DERIVED VIRGINIA SURVEY WEIGHTS

*Source: "Relative Importance of CPI Items," unpublished data from United States Department of Labor, Bureau of Labor Statistics

Note: .000 indicates that the item was not priced in the Virginia survey, and the United States weight was prorated throughout the relevant subcategory.

A blank space for the Virginia Survey Weights indicates that the item was not priced in the Virginia survey; the USBLS weights in these instances were assigned to similar products or services.

[1] In the Virginia survey, the Consumer Price Index weights for Bread, other than White, and for Fresh Biscuits, Rolls, and Muffins, neither of which was priced for Virginia, were combined with the weight for White Bread.

[2] In the Virginia survey, Crackers and Cracker Meal were each assigned half the combined Consumer Price Index weights for the Crackers, Stuffing, Bread Crumbs, Cracker Meal subcategory and the Sweet Rolls, Coffee Cake, Doughnuts subcategory.

[3] In the Virginia survey, the Consumer Price Index weights for Fresh Pie, Tart, Turnover, Frozen Bakery Products and for Fresh Cake and Cupcakes, neither of which was priced for Virginia, were combined with the weight for Cookies.

[4] In the Virginia survey, the Consumer Price Index weight for Sirloin Steak, which was not priced for Virginia, was combined with the weight for Round Steak.

[5] In the Virginia survey, the Consumer Price Index weight for Dietary Carbonated Drinks, which was not priced for Virginia, was combined with the weight for Cola Drinks.

[6] In the Virginia survey, the Consumer Price Index weights for Lodging While Out Of Town, which was not priced for Virginia, and for Unpriced Items [Other Rental Costs] were included with the weight of Rent of Dwelling.

[7] In the Virginia survey, the Consumer Price Index weight for Tenants Insurance, which was not priced for Virginia, was included with the weight for Property Insurance.

[8] In the Virginia survey, the Consumer Price Index weights for Coal, Bottled or Tank Gas, which was not priced for Virginia, and for Unpriced Items [Fuels] were combined with the weight for Fuel Oil.

[9] In the Virginia survey, the Consumer Price Index weights for Sofa and for Living Room Tables and Chairs were combined and assigned to Living Room Suite.

[10] In the Virginia survey, the weight for Laundry and Dry Cleaning Includes the Consumer Price Index weight for Apparel and Jewelry Repair, a service which was not priced for Virginia.

[11] In the Virginia survey, the Consumer Price Index weight for Vehicle Finance Charges, an item which was not priced for Virginia, was assigned to the weight for New Car, Truck, Motorcycle.

[12] In the Virginia survey, the Consumer Price Index weight for Eyeglasses was included with the weight for Eye Examination. Virginia price data for Eyeglasses and Eye Examination are collected together.

[13] The Consumer Price Index weights for School Books and Supplies, for Tuition and Other School Fees, and for Tobacco Products, items which were not priced for Virginia, were distributed among all the other items in the Virginia survey, except those items included in the Food and Beverages category.

Table 17

RELATIVE CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1983
(Average for all areas = 100)

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
Total	104[r]	93[r]	99[r]	100[r]	117[r]	91[r]	102	94
I. Food and Beverages	107	96	99	98	113	90	100	97
A. Food	107	96	99	98	114	89	100	97
1. Food At Home	101	97	101	100	105	98	101	98
a. Cereal and Bakery Products	99	93	99	101	105	101	102	100
(1) Cereal and Cereal Products	122	88	91	94	107	98	100	100
(2) Bakery Products	91	95	102	104	105	102	103	99
b. Meats, Poultry, Fish, and Eggs	101	101	103	100	102	98	100	96
(1) Meats	101	100	104	100	102	98	99	95
(a) Beef	99	102	110	98	99	101	99	91
(b) Pork	101	99	98	103	104	97	99	99
(c) Other Meats	108	97	98	99	109	92	96	100
(2) Poultry	102	110	98	101	95	90	105	101
(3) Fish and Seafood	102	97	102	99	102	99	100	100
(4) Eggs	99	98	99	97	110	100	100	96
c. Dairy Products	102	98	102	101	94	100	100	103
d. Fruits and Vegetables	105	101	95	92	106	97	98	106
(1) Fresh Fruits and Vegetables	105	105	93	88	107	95	98	109
(a) Fresh Fruits	107	100	103	85	103	96	99	106
(b) Fresh Vegetables	103	109	83	91	110	95	97	112
(2) Processed Fruits and Vegetables	105	97	98	96	106	98	99	103[r]
(a) Processed Fruits	104	96	96	98	104	99	103	100
(b) Processed Vegetables	106	98	99	93	108	97	94	105
e. Sugar and Sweets	101	95	99	101	107	99	99	99
f. Fats and Oils	105	91	97	99	109	101	104	94
g. Nonalcoholic Beverages	92	94	110	109	111	92	105	87
h. Miscellaneous Prepared Foods	103	90	98	95	116	100	102	96
2. Food Away From Home	121[r]	93	93	95	134	70	100	94
B. Alcoholic Beverages	100	100	100	100	100	100	100	100
II. Housing	105	86[r]	98	103[r]	127[r]	89	101[r]	90
A. Shelter	106[r]	83[r]	99[r]	103[r]	141[r]	82[r]	100[r]	86
1. Rent	106	81	93	108	162	71	100	78
2. Homeownership	106[r]	84[r]	102[r]	101[r]	130[r]	87[r]	99[r]	90[r]
B. Fuels and Other Utilities	107[r]	89[r]	98	102[r]	106	101[r]	103[r]	93[r]
1. Fuels	105[r]	104	98	100	103	101	99	92
2. Electricity	108	83	105	106	106	104	105	82
3. Natural Gas	106[r]	92[r]	90[r]	92[r]	104[r]	102[r]	106	109[r]
4. Other Utilities and Public Services	109[r]	81[r]	95[r]	110[r]	111[r]	98[r]	103[r]	92[r]
C. Household Furnishings and Operation	99	96	97	100	109	97	102	99
1. House Furnishings	98	93	99	104	108	93	107	98
a. Textiles	94	94	107	114	100	89	106	95
b. Furniture	99	80	98	100	125	83	109	105
c. Appliances	89	95	103	107	99	107	104	95
d. Television and Sound Equipment	106[r]	110	92	102[r]	95[r]	99[r]	98[r]	98[r]
e. Other Household Equipment	97	98	97	103	104	97	111	93
2. Housekeeping Supplies	102	104	94	91	110	107	91	101

Table 17 (Continued)

RELATIVE CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1983
(Average for all areas = 100)

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
III. Apparel	99	100	101	106	107	87	103	98
A. Apparel Commodities	100	102	100	103	107	86	103	98
1. Mens Apparel	96	106	104	109	106	77	103	97
2. Boys Apparel	100	92	99	100	100	99	110	99
3. Womens Apparel	102	105	98	102	108	91	101	94
4. Girls Apparel	97	96	102	103	106	90	104	102
5. Footwear	104	98	96	98	112	84	104	105
B. Apparel Services	93	86	108	119	104	91	105	94
IV. Transportation	103r	100r	102r	97r	106r	94r	103r	94r
A. Auto Purchase	105r	102r	101r	96r	110r	87r	103r	96r
1. New Car	96r	111r	102r	97r	100r	92r	103r	99r
2. Used Car	115r	90	100r	95r	123r	80r	104r	93r
B. Gasoline	102	101	104	99	100	99	103	92
C. Maintenance and Repair	96	94	109	99	112	92	102	96
D. Other Private Transportation	102	98	98	95	104	107	103	93
1. Commodities	97	94	98	112	106	101	94	97
2. Services	104	98	98	91	103	108	105	92
V. Other Goods and Services	99r	95r	96r	100	114	95r	104r	98
A. Medical Care	97r	94r	95r	103	120	93r	100r	97r
1. Commodities	98	102	94	94	106	106	95	106
a. Prescription Drugs	95	99	95	88	106	111	93	113
b. Over-the-Counter Items	101	105	92	100	107	100	97	98
2. Services	97r	93r	95r	105r	123	91r	101r	95r
a. Professional Services	95	91	102	101	123	96	99	93
(1) Physicians Services	94	92	99	98	137r	96	101	84
(2) Dental Services	96	87	106	106	109	96	97	104
(3) Eye Exam and Eyeglasses	97	102	102	98	110	98r	95	96
b. Other Services	99r	94r	90r	109r	122	87r	103r	97r
B. Entertainment	98r	97r	94r	97r	106r	97r	110r	100r
1. Commodities	100r	99r	91r	96r	101r	95r	119r	99r
2. Services	96	95	98	98	114	100	97	103
C. Personal Care	108	94	104	99	105	95	100	96
1. Toilet Goods and Personal Care Appliances	108	98	101	96	101	104	95	97
2. Personal Care Services	107	91	106	102	108	88	104	95
D. Personal and Educational Expenses	87	98	95	90	136	85	104	105

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Table 18

RELATIVE CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1982
(Average for all areas = 100)

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
Total	105[r]	92[r]	98[r]	101[r]	116[r]	93	102[r]	94
I. Food and Beverages	110	93	98	100	107	93	103	97
A. Food	110	92	98	100	107	93	103	97
1. Food At Home	101	99	101	100	102	99	100	100
a. Cereal and Bakery Products	108	93	103	93	98	107	95	102
(1) Cereal and Cereal Products	112	96	89	93	94	115	94	106
(2) Bakery Products	107	92	107	94	100	104	95	100
b. Meats, Poultry, Fish, and Eggs	98	101	101	100	104	94	101	102
(1) Meats	97	101	101	101	104	93	101	103
(a) Beef	97	100	101	101	107	92	103	100
(b) Pork	97	103	102	102	96	95	100	105
(c) Other Meats	96	99	100	101	106	93	97	108
(2) Poultry	104	109	94	92	103	92	100	107
(3) Fish and Seafood	103	98	104	97	101	96	101	99
(4) Eggs	100	91	100	103	108	104	100	91
c. Dairy Products	97	106	103	100	92	103	97	102
d. Fruits and Vegetables	107	105	95	94	100	99	97	103
(1) Fresh Fruits and Vegetables	110	110	88	94	98	101	96	104
(a) Fresh Fruits	113	108	88	96	86	106	98	104
(b) Fresh Vegetables	107	111	87	92	108	97	94	105
(2) Processed Fruits and Vegetables	104	100	103	95	101	97	98	102
(a) Processed Fruits	105	100	102	98	101	94	102	99
(b) Processed Vegetables	103	99	105	92	101	100	94	106
e. Sugar and Sweets	98	100	101	102	102	103	96	97
f. Fats and Oils	97	93	97	100	107	104	101	102
g. Nonalcoholic Beverages	95	88	104	114	112	91	113	82
h. Miscellaneous Prepared Foods	106	93	98	98	105	102	98	99
2. Food Away from Home	131	78	92	101	118	79	109	92
B. Alcoholic Beverages	100	100	100	100	100	100	100	100
II. Housing	107[r]	88[r]	97[r]	102[r]	125[r]	91	101[r]	89
A. Shelter	108[r]	87[r]	95[r]	101[r]	133[r]	87[r]	101[r]	88
1. Rent	114	83[r]	82	98	168	73	99	81
2. Homeownership	107[r]	88[r]	97[r]	102[r]	125[r]	90[r]	101[r]	89[r]
B. Fuels and Other Utilities	107[r]	89[r]	101[r]	104[r]	105[r]	104[r]	99[r]	91[r]
1. Fuels	99	99	108	101	100	99	97	96
2. Electricity	107	86	104	105	105	103	104	86
3. Natural Gas	100[r]	92[r]	97[r]	99	104[r]	114[r]	96[r]	98[r]
4. Other Utilities and Public Services	120[r]	80[r]	97[r]	108[r]	110[r]	99[r]	99[r]	87[r]
C. Household Furnishings and Operation	96	93	105	106	106	97	100	96
1. House Furnishings	99[r]	91	107	104	106	97	104	91
a. Textiles	89	88	130	110	101	77	113	90
b. Furniture	106	81	99	105	114	103	107	86
c. Appliances	95	94	107	99	100	108	97	99
d. Television and Sound Equipment	95[r]	108[r]	111	107[r]	103[r]	82[r]	98	95[r]
e. Other Household Equipment	102	92	100	102	106	103	106	89
2. Housekeeping Supplies	88	98	102	111	106	96	90	110

Table 18 (Continued)

RELATIVE CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1982
(Average for all areas = 100)

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
III. Apparel	99	99	99	105	109	88	103	97
A. Apparel Commodities	100	101	98	103	110	87	102	98
1. Mens Apparel	97	99	101	104	113	80	109	97r
2. Boys Apparel	96	95	101	102	106	97	111	93
3. Womens Apparel	103	107	95	102	107	91	94	99
4. Girls Apparel	98	100	102	101	107r	95	102	97
5. Footwear	104	93	95	105	112	85	105	101
B. Apparel Services	91	90	108	113	104	94	106	94
IV. Transportation	102	95	99	101	104	96	102	102
A. Auto Purchase	103	94	96	105	103	91	103	106
1. New Car	98	95	102	103	101	95	102	104
2. Used Car	110	92	87	108	106	85	104	108
B. Gasoline	102	99	100	99	100	98	101	100
C. Maintenance and Repair	95	91	100	97	121	99	101	98
D. Other Private Transportation	100	95	103	92	106	103	104	97
1. Commodities	106	100	99	100	97	101	94	102
2. Services	99	93	104	90	108	104	107	96
V. Other Goods and Services	99r	96	98r	100r	113	96r	103	95
A. Medical Care	97r	92r	99r	104r	119r	94	103r	93r
1. Commodities	102	100	101	101	98	106r	97	95
a. Prescription Drugs	94	101	102	106	100	107	98	92
b. Over-the-Counter Items	110	99	101	95	96	106	95	98
2. Services	96r	91r	99	104r	122	91r	104r	93r
a. Professional Services	95	91	98	100	124	94	104	94
(1) Physicians Services	94	91	96	100	135	96	103	84
(2) Dental Services	93	87	100	100	121	90	103	106
(3) Eye Exam and Eyeglasses	101	100	98	99	100	97	110	96
b. Other Services	97r	91r	99r	108r	120r	89r	103r	92r
B. Entertainment	101	111r	94r	94r	95r	104r	112r	89r
1. Commodities	101r	112r	94r	94	95r	104r	112r	89r
2. Services	102	91r	97	97	116	98	104	96
C. Personal Care	99	95	99	105	113	96	101	91
1. Toilet Goods and Personal Care Appliances	106	95	99	97	101	109	94	98
2. Personal Care Services	94	95	99	112	123	86	107	84
D. Personal and Educational Expenses	98	107	86	105	115	91	94	104

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Table 19

RELATIVE CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1981
(Average for all areas = 100)

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
Total	104	94[r]	96	100	117[r]	92[r]	102[r]	95
I. Food and Beverages	105	96	94	106	106	94	100	99
A. Food	105	96	94	106	107	94	100	99
1. Food At Home	104	98	99	100	99	99	99	101
a. Cereal and Bakery Products	102	98	98	101	100	102	98	101
(1) Cereal and Cereal Products	104	101	97	100	95	100	96	107
(2) Bakery Products	102	97	98	102	102	102	99	99
b. Meats, Poultry, Fish, and Eggs	105	97	99	102	99	101	99	97
(1) Meats	106	96	99	101	101	102	99	96
(a) Beef	108	94	96	102	101	106	97	95
(b) Pork	103	97	102	101	100	99	101	97
(c) Other Meats	103	97	103	100	98	96	103	100
(2) Poultry	99	112	97	101	95	97	95	104
(3) Fish and Seafood	103	99	103	102	96	97	100	100
(4) Eggs	97	93	105	103	96	102	104	99
c. Dairy Products	102	104	101	103	90	102	94	106
d. Fruits and Vegetables	104	105	98	94	99	98	97	106
(1) Fresh Fruits and Vegetables	100	106	93	93	102	96	99	112
(a) Fresh Fruits	103	105	94	88	105	92	100	113
(b) Fresh Vegetables	97	107	92	96	99	100	98	111
(2) Processed Fruits and Vegetables	108	104	103	95	95	100	94	100
(a) Processed Fruits	105	104	104	97	98	100	98	94
(b) Processed Vegetables	112	104	103	93	92	100	90	106
e. Sugar and Sweets	103	97	100	99	99	98	99	105
f. Fats and Oils	103	99	101	99	95	99	99	105
g. Nonalcoholic Beverages	109	82	100	102	116	90	104	97
h. Miscellaneous Prepared Foods	103	101	98	101	92	100	100	104
2. Food Away From Home	107	90	82	119	124	81	104	93
B. Alcoholic Beverages	100	100	100	100	100	100	100	100
II. Housing	108[r]	90[r]	95[r]	98	127[r]	90	101[r]	91
A. Shelter	111[r]	89[r]	93[r]	95[r]	136[r]	86[r]	100[r]	90
1. Rent	117	91	78	89	168	75	103	80
2. Homeownership	110[r]	89[r]	97[r]	97[r]	128[r]	89[r]	99[r]	92
B. Fuels and Other Utilities	102	90	103[r]	108[r]	106	101	103[r]	89[r]
1. Fuels	97	102	103	103	99	99	99	98
2. Electricity	107	86	104	105	105	103	104	86
3. Natural Gas	88[r]	102[r]	107[r]	110[r]	100[r]	99[r]	102[r]	91[r]
4. Other Utilities and Public Services	110	75	97	112	116	100	104	85
C. Household Furnishings and Operation	101	97	98	99	105	96	105	99
1. House Furnishings	101	96	98	100	105[r]	97	105	98
a. Textiles	92	94	103	118	110	91	108	83
b. Furniture	100	87	91	101	109	95	124	93
c. Appliances	97	101	99	96	106	103	96	102
d. Television and Sound Equipment	114	99	100[r]	100	88[r]	96[r]	93	110
e. Other Household Equipment	100	104	103	92	108	98	94	101
2. Housekeeping Supplies	100	100	97	95	105	95	105	103

Table 19 (Continued)

RELATIVE CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1981
(Average for all areas = 100)

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
III. Apparel	99	100	94	97	118	92	103	96
A. Apparel Commodities	101	103	92	95	120	91	103	96
1. Mens Apparel	104	107	86	94	126	84	101	97
2. Boys Apparel	99	93	94	102	110	97	110	95
3. Womens Apparel	98	105	94	96	120	93	101	94
4. Girls Apparel	99	97	102	100	110	96	99	98
5. Footwear	103	97	93	87	120	92	107	101
B. Apparel Services	86	86	103	115	104	102	109	96
IV. Transportation	98	97	99	101	104	98	103	100
A. Auto Purchase	94	95	98	106	102	97	107	101
1. New Car	97	98	101	104	102	100	101	97
2. Used Car	89	91	92	110	101	93	117	107
B. Gasoline	101	103	97	100	103	95	97	103
C. Maintenance and Repair	100	95	104	97	111	100	104	89
D. Other Private Transportation	101	92	105	94	104	103	104	96
1. Commodities	98	95	113r	90	104	103	101	96
2. Services	103	91	102	95	105	103	105	97
V. Other Goods and Services	102r	98r	98r	99r	111r	92r	103r	98
A. Medical Care	100	94	99	104	117	93	101	93
1. Commodities	99	100	98	99	101	106	97	100
a. Prescription Drugs	95	96	99	100	98	113	102	96
b. Over-the-Counter Items	102	105	96	99	104	99	91	103
2. Services	100	93	99	105	119	91r	102	92
a. Professional Services	95	92	106	102	118	92	104	90
(1) Physicians Services	99	89	98	100	128	94	105	87
(2) Dental Services	90	89	122	102	112	89	104	93
(3) Eye Exam and Eyeglasses	94	107	97	107	105	95	103	93
b. Other Services	105	94	92	107	121	89	99	93
B. Entertainment	105r	102r	97r	92r	103r	91r	105r	104
1. Commodities	110r	104r	97r	88r	99r	88r	108r	107r
2. Services	99	100	97	99	108	94	102	101
C. Personal Care	103	98	97	100	113	93	101	94
1. Toilet Goods and Personal Care Appliances	101	101	98	94	104	104	92	105
2. Personal Care Services	104	96	97	105	121	84	109	85
D. Personal and Educational Expenses	83	99	98	106	107	86	102	119

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Table 20

RELATIVE CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1980
(Average for all areas = 100)

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
Total	103[r]	94[r]	95	100	118[r]	93[r]	102[r]	95
I. Food and Beverages	98	96	96	103	108	96	101	102
A. Food	98	96	96	103	108	96	101	102
1. Food At Home	99	98	99	100	102	99	99	104
a. Cereal and Bakery Products	104	97	101	102	98	98	100	101
(1) Cereal and Cereal Products	109	104	96	93	99	107	95	98
(2) Bakery Products	102	95	102	105	97	96	101	101
b. Meats, Poultry, Fish, and Eggs	96	97	100	102	99	99	100	105
(1) Meats	94	97	100	103	100	98	101	106
(a) Beef	95	97	98	105	100	98	101	107
(b) Pork	92	102	108	98	105	96	100	99
(c) Other Meats	97	90	96	103	95	104	103	112
(2) Poultry	103	99	100	98	95	103	95	107
(3) Fish and Seafood	107	101	101	100	99	97	97	100
(4) Eggs	96	96	102	101	98	103	101	103
c. Dairy Products	100	99	97	100	102	100	98	105
d. Fruits and Vegetables	102	102	99	94	103	99	94	109
(1) Fresh Fruits and Vegetables	100	107	96	91	98	101	91	115
(a) Fresh Fruits	101	109	101	85	96	107	83	119
(b) Fresh Vegetables	100	104	92	97	101	96	100	112
(2) Processed Fruits and Vegetables	103	96	102	97	108	96	96	101
(a) Processed Fruits	108	94	101	101	109	91	100	96
(b) Processed Vegetables	98	98	104	92	107	101	92	107
e. Sugar and Sweets	101	96	99	99	102	98	100	104
f. Fats and Oils	99	97	100	102	108	95	103	97
g. Nonalcoholic Beverages	95	98	93	101	110	94	103	106
h. Miscellaneous Prepared Foods	101	93	100	97	105	105	101	98
2. Food Away From Home	97	92	90	109	122	89	105	96
B. Alcoholic Beverages	100	100	100	100	100	100	100	100
II. Housing	107[r]	90[r]	93[r]	99	129[r]	89[r]	101[r]	90[r]
A. Shelter	110[r]	89[r]	90[r]	98	139[r]	84[r]	101[r]	89[r]
1. Rent	118	97	77	90	167	67	102	83
2. Homeownership	108[r]	88[r]	93[r]	100	132[r]	88[r]	100[r]	91
B. Fuels and Other Utilities	107[r]	90[r]	103[r]	103[r]	107[r]	98[r]	99[r]	93
1. Fuels	102	98	103	101	101	99	98	97
2. Electricity	111	77	106	108	107	105	106	79
3. Natural Gas	94[r]	115[r]	101[r]	100[r]	92[r]	96[r]	89[r]	113[r]
4. Other Utilities and Public Services	117	81	100	103	120	91	98	90
C. Household Furnishings and Operation	95	96	99	101	104	102	110[r]	94
1. House Furnishings	95	94	98	99	106	103[r]	111[r]	94
a. Textiles	87	83	111	106	117	92	121	83
b. Furniture	90	92	93	99	114	90	130	91
c. Appliances	95	97	96	97	100	112	100	102
d. Television and Sound Equipment	96[r]	95[r]	97	98[r]	96[r]	119[r]	103[r]	96[r]
e. Other Household Equipment	105	97	102	97	104	104	94	98
2. Housekeeping Supplies	96	102	100	106	99	99	106	93

Table 20 (Continued)

RELATIVE CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1980
(Average for all areas = 100)

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
III. Apparel	101	96	96	96	111	96	106	98
A. Apparel Commodities	102	97	95	93	112	95	106	99
1. Mens Apparel	101	90	97	91	120	92	110	98
2. Boys Apparel	98	91	99	102	108	101	109	93
3. Womens Apparel	105	108	90	92	108	98	102	98
4. Girls Apparel	91	91	104	108	110	101	104	92
5. Footwear	106	92	98	89	113	88	109	106
B. Apparel Services	89	90	104	115	104	99	106	94
IV. Transportation	100	98	99	101	103	100	102	97
A. Auto Purchase	100	98	97	102	102	101	105	96
1. New Car	101	102	95	100	105	100	99	98
2. Used Car	98	92	100	106	95	101	114	93
B. Gasoline	101	101	97	101	101	100	100	99
C. Maintenance and Repair	98	96	106	100	117	92	96	95
D. Other Private Transportation	102	93	103	97	104	101	104	97
1. Commodities	102	98	103	104	99	94	101	98
2. Services	102	91	103	95	105	103	105	96
V. Other Goods and Services	97	102r	95	97r	114r	94r	101	100
A. Medical Care	94	95	97	104	119	94	105	93
1. Commodities	98	101	95	100	106	103	98	100
a. Prescription Drugs	93	101	96	97	107	109	101	96
b. Over-the-Counter Items	103	101	92	103	104	97	94	105
2. Services	93	94	98	104	121	92	106	92
a. Professional Services	93	96	102	99	117	94	108	90
(1) Physicians Services	92	95	96	99	131	91	109	87
(2) Dental Services	88	95	111	101	106	96	111	92
(3) Eye Exam and Eyeglasses	107	100	102	97	100	99	99	96
b. Other Services	93	91	93	109	125	91	104	94
B. Entertainment	100r	114r	92r	86r	112r	92r	94r	111r
1. Commodities	103r	128r	88r	96r	115r	86r	86r	118r
2. Services	96	93	98	101	108	101	105	100
C. Personal Care	101	95	96	101	108	97	106	96
1. Toilet Goods and Personal Care Appliances	103	96	97	99r	104	103	101	99
2. Personal Care Services	100	95	95	104	112	92	110	93
D. Personal and Educational Expenses	95	108	85	97	96	111	101	107

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Table 21

RELATIVE CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1979
(Average for all areas = 100)

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
Total	103	93[r]	97	99	116[r]	96	103[r]	94
I. Food and Beverages	101	98	97	99	109	95	101	99
A. Food	101	98	97	99	109	95	101	99
1. Food At Home	101	102	97	98	105	97	97	103
a. Cereal and Bakery Products	96	109	99	95	106	98	94	103
(1) Cereal and Cereal Products	103	103	95	93	107	101	97	101
(2) Bakery Products	93	111	101	96	106	97	92	104
b. Meats, Poultry, Fish, and Eggs	100	101	97	101	102	98	98	103
(1) Meats	100	102	96	103	102	97	100	101
(a) Beef	98	105	93	104	102	95	100	103
(b) Pork	104	96	102	103	102	99	98	97
(c) Other Meats	99	103	96	101	103	96	101	100
(2) Poultry	102	107	98	89	105	87	92	121
(3) Fish and Seafood	100	99	98	93	99	120	92	100
(4) Eggs	104	93	100	99	109	99	99	99
c. Dairy Products	103	106	98	94	100	94	94	110
d. Fruits and Vegetables	103	100	100	95	103	99	95	105
(1) Fresh Fruits and Vegetables	101	102	99	95	104	98	94	107
(a) Fresh Fruits	94	101	99	94	102	101	94	114
(b) Fresh Vegetables	108	103	98	96	106	95	94	100
(2) Processed Fruits and Vegetables	104	97	102	95	102	99	97	104
(a) Processed Fruits	106	94	96	98	106	97	100	103
(b) Processed Vegetables	102	99	108	92	98	102	94	104
e. Sugar and Sweets	101	96	96	99	107	97	99	105
f. Fats and Oils	103	97	94	96	115	97	101	97
g. Nonalcoholic Beverages	102	98	97	99	115	94	99	98
h. Miscellaneous Prepared Foods	102	103	93	95	111	98	98	99
2. Food Away From Home	102	89	97	103	119	91	110	88
B. Alcoholic Beverages	100	100	100	100	100	100	100	100
II. Housing	107[r]	88[r]	94[r]	97[r]	127[r]	94[r]	103[r]	90
A. Shelter	109[r]	87[r]	91[r]	96[r]	135[r]	91[r]	102[r]	88[r]
1. Rent	119	91	78	88	152	87	105	80
2. Homeownership	107[r]	86[r]	95[r]	98[r]	130[r]	92[r]	101[r]	91
B. Fuels and Other Utilities	105	87	103	104	107	99[r]	104[r]	91[r]
1. Fuels	97	95	105	101	107	102	102	91
2. Electricity	109	82	105	106	106	103	104	85
3. Natural Gas	85[r]	102[r]	104	108[r]	85	104[r]	110[r]	103[r]
4. Other Utilities and Public Services	116	80	100	101	123	90	100	90
C. Household Furnishings and Operation	96	95	99	98	107[r]	100[r]	108	98
1. House Furnishings	93	96	99	99[r]	107	99	110	97
a. Textiles	84	86	112	110	114	88	115	92
b. Furniture	88	92	94	101	112	94	123	96
c. Appliances	95	96	99	100	102	104	98	105
d. Television and Sound Equipment	99[r]	99	99	94[r]	105	108[r]	102	94
e. Other Household Equipment	97	104	100	96	101	99	105	96
2. Housekeeping Supplies	104	93	100	93	105	101	103	102

Table 21 (Continued)

RELATIVE CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1979
(Average for all areas = 100)

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
III. Apparel	104	99	100	99	104	95r	107	93
A. Apparel Commodities	105	101	99	96	105	94	108	93
1. Mens Apparel	98	99	103	99	103	93	114	91
2. Boys Apparel	96	101	101	96	107	100	104	94
3. Womens Apparel	115	106	96	93	104	93	105	90
4. Girls Apparel	97	99	102	95	110	94	109	95
5. Footwear	105	94	96	100	106	94	104	101
B. Apparel Services	90	88	106	114	101	100	104	98
IV. Transportation	100	99	101	98	101	101	100	101
A. Auto Purchase	102	100	100	98	97	101	99	103
1. New Car	100	101	99	99	102	101	100	99
2. Used Car	105	99	101	96	91	102	97	109
B. Gasoline	99	100	101	100	101r	101	98	99
C. Maintenance and Repair	89	94	104	100	115	97	101	100
D. Other Private Transportation	101	94	102	96	105	101	103	98
1. Commodities	96	107	98	99	105	94	95	105
2. Services	102	91	103	95	105	103	105	96
V. Other Goods and Services	98r	95r	100	102r	110	96	105	94r
A. Medical Care	96	89	101	106	114	97	104	94
1. Commodities	94	93	103	99	103	107	104	97
a. Prescription Drugs	88	90	102	96	101	110	112	101
b. Over-the-Counter Items	99	96	104	103	104	104	95	93
2. Services	96	89	100	107	116	95	104	93
a. Professional Services	94	89	105	100	117	98	105	91
(1) Physicians Services	93	87	106	95	129	97	108	86
(2) Dental Services	92	89	110	102	106	99	106	96
(3) Eye Exam and Eyeglasses	102	92	99	111	106	100	94	96
b. Other Services	98	88	95	113	116	92	103	95
B. Entertainment	97r	102r	100r	98r	106r	95r	107r	96r
1. Commodities	98r	105r	101r	98r	99	95r	112r	92r
2. Services	96	97	99	98	114	94	99	102
C. Personal Care	107	94	97	103	111	94	105	88
1. Toilet Goods and Personal Care Appliances	107	96	94	98	104	99	101	99
2. Personal Care Services	106	93	99	106	117	90	109	80
D. Personal and Educational Expenses	95	91	93	109	99	111	108	92

r = revised

Table 22

RELATIVE CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1978
(Average for all areas = 100)

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
Total	103[r]	94[r]	97	100	116[r]	94	104	93
I. Food and Beverages	101	96	98	99	109	97	104	96
A. Food	101	96	98	99	109	97	105	95
1. Food At Home	99	97	102	99	103	101	98	101
a. Cereal and Bakery Products	99	98	98	101	103	101	101	100
(1) Cereal and Cereal Products	101	99	95	99	108	101	100	97
(2) Bakery Products	98	97	98	102	102	101	101	100
b. Meats, Poultry, Fish, and Eggs	99	95	102	102	102	101	100	99
(1) Meats	99	94	103	102	102	101	100	98
(a) Beef	100	95	105	105	101	101	99	95
(b) Pork	100	94	99	101	103	101	102	99
(c) Other Meats	94	94	105	98	101	101	102	104
(2) Poultry	104	102	91	102	97	101	97	105
(3) Fish and Seafood	99	89	100	103	103	102	101	102
(4) Eggs	97	93	104	102	103	102	102	97
c. Dairy Products	102	99	102	98	97	102	97	103
d. Fruits and Vegetables	101	98	98	100	104	99	98	102
(1) Fresh Fruits and Vegetables	101	98	98	101	104	96	99	102
(a) Fresh Fruits	103	96	99	100	109	95	100	100
(b) Fresh Vegetables	98	101	98	103	100	97	99	104
(2) Processed Fruits and Vegetables	101	98	98	99	103	102	97	102
(a) Processed Fruits	102	92	94	101	106	104	99	102
(b) Processed Vegetables	101	103	102	96	100	99	96	101
e. Sugar and Sweets	103	96	98	100	105	99	100	100
f. Fats and Oils	96	96	108	100	111	95	100	94
g. Nonalcoholic Beverages	91	95	117	92	105	107	90	102
h. Miscellaneous Prepared Foods	96	99	97[r]	97	112	100	97	102
2. Food Away From Home	107	93	89	98	123	87	119	83
B. Alcoholic Beverages	100	100	100	100	100	100	100	100
II. Housing	106[r]	90[r]	95[r]	99[r]	127[r]	91[r]	105[r]	88
A. Shelter	108[r]	87[r]	92[r]	100[r]	136[r]	88[r]	104	86
1. Rent	110	87	83	94	162	78	110	74
2. Homeownership	107[r]	87[r]	95[r]	101[r]	129[r]	90[r]	102[r]	89
B. Fuels and Other Utilities	105[r]	91[r]	102[r]	99[r]	104[r]	101	106[r]	92[r]
1. Fuels	98	99	105	101	102	98	100	97
2. Electricity	109	81	105	107	107	103	105[r]	84
3. Natural Gas	85[r]	108[r]	99[r]	84[r]	87[r]	120	114[r]	102[r]
4. Other Utilities and Public Services	114	88	99	100	112	89	106	92
C. Household Furnishings and Operation	101	100	98	98	108	96	105	94[r]
1. House Furnishings	100	101	98	99	108	95	107	93
a. Textiles	96	91	109	103	103	85	121	92
b. Furniture	97	99	99	100	121	85	118	81
c. Appliances	99	103	97	98	98	107	98	101
d. Television and Sound Equipment	102[r]	99	99	99[r]	104[r]	102[r]	99	95[r]
e. Other Household Equipment	105	109	92	94	107	95	99	98
2. Housekeeping Supplies	103	98	99	96	106	99	99	100

Table 22 (Continued)

RELATIVE CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1978
(Average for all areas = 100)

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
III. Apparel	99	99	98	101	109	95	105	94
A. Apparel Commodities	101	100	98	99	109	94	105	94
1. Mens Apparel	102	103	102	99	103	88	107	96
2. Boys Apparel	90	100	98	94	111	99	108	98
3. Womens Apparel	105r	101	92	102	113	97	100	90
4. Girls Apparel	95	96	98	101	109	98	105	97
5. Footwear	98	95	101	94	110	93	112	96
B. Apparel Services	86	88	99	119	105	99	106	99
IV. Transportation	99	100	101	100	100	97	104	99
A. Auto Purchase	99	105	101	102	95	92	105	100
1. New Car	99	100	99	101	98	100	100	102
2. Used Car	98	112	103	103	92	80	113	98
B. Gasoline	100	100	101	101	100	101	99	98
C. Maintenance and Repair	94	91	101	102	108	99	107	98
D. Other Private Transportation	100	95	99	94	108	102	105	98
1. Commodities	98	100	98	96	110	90	104	104
2. Services	100	93	99	93	107	105	106	97
V. Other Goods and Services	100	95r	101	99r	111r	93r	102r	98
A. Medical Care	98	93	100	100	113	96	103	96
1. Commodities	97	105	101	90	103	108	99	98
a. Prescription Drugs	96	102	106	90	93	115	105	94
b. Over-the-Counter Items	98	108	96	91	113	100	92	101
2. Services	99	91	100	102	115	94	103	95
a. Professional Services	96	92	107	97	114	94	105	95
(1) Physicians Services	94	90	103	92	119	96	113	93
(2) Dental Services	97	89	117	99	114	89	96	99
(3) Eye Exam and Eyeglasses	100	105	96	107	99	102	101	90
b. Other Services	102	94	94	106	116	94	101	96
B. Entertainment	103r	99r	102	96r	107r	89r	102r	104
1. Commodities	109r	99r	100	96r	101r	85r	104r	105
2. Services	94	97	105	95	115	94	98	101
C. Personal Care	101	91	103	104	117	90	102	91
1. Toilet Goods and Personal Care Appliances	101	97	102	101	100	102	101	97
2. Personal Care Services	101	87	104	107	131	81	104	87
D. Personal and Educational Expenses	97	97	100	108	97	98	101	102

r = revised

Table 23

RELATIVE CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1977
(Average for all areas = 100)

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
Total	102	94[r]	98	99	112	95[r]	102	97
I. Food and Beverages	102	99	101	98	103	97	102	99
A. Food	102	99	101	98	103	97	102	98
1. Food At Home	101	100	100	99	102	100	98	101
a. Cereal and Bakery Products	97	95	98	101	106	103	103	97
(1) Cereal and Cereal Products	102	94	101	98	106	102	100	97
(2) Bakery Products	93	95	96	104	106	104	106	96
b. Meats, Poultry, Fish, and Eggs	101	102	101	100	100	98	96	102
(1) Meats	99	103	102	102	100	97	96	101
(a) Beef	94	102	105	106	100	97	93	104
(b) Pork	102	100	101	101	102	96	100	98
(c) Other Meats	106	109	98	94	97	102	97	98
(2) Poultry	113	101	93	93	97	97	93	113
(3) Fish and Seafood	104	96	101	99	100	100	99	101
(4) Eggs	101	96	101	100	105	101	98	98
c. Dairy Products	104	97	99	95	101	103	100	100
d. Fruits and Vegetables	101	104	98	97	97	102	96	105
(1) Fresh Fruits and Vegetables	102	105	97	95	95	100	97	108
(a) Fresh Fruits	101	107	94	97	93	104	96	108
(b) Fresh Vegetables	103	104	99	94	96	98	99	108
(2) Processed Fruits and Vegetables	100	102	100	98	101	105	93	101
(a) Processed Fruits	96	101	101	102	110	97	98	95
(b) Processed Vegetables	102	103	99	97	97	108	91	104
e. Sugar and Sweets	102	97	99	100	102	98	99	102
f. Fats and Oils	97	93	96	106	110	98	106	94
g. Nonalcoholic Beverages	102	102	104	96	105	96	94	100
h. Miscellaneous Prepared Foods	99	97	99	99	106	100	98	102
2. Food Away From Home	109	94	105	92	108	83	121	87
B. Alcoholic Beverages	100	100	100	100	100	100	100	100
II. Housing	106[r]	90[r]	95[r]	98	124[r]	91[r]	103	93[r]
A. Shelter	107[r]	88[r]	91[r]	98[r]	135[r]	88[r]	102[r]	92
1. Rent	112	88	80	96	157	83	105	80
2. Homeownership	105[r]	88[r]	95[r]	98[r]	128[r]	89[r]	101[r]	96
B. Fuels and Other Utilities	108[r]	85[r]	99[r]	98[r]	105	102[r]	109[r]	95[r]
1. Fuels	99	99	101	101	102	101	100	98
2. Electricity	111	72	108	108	110	106	108	76
3. Natural Gas	112[r]	93[r]	81[r]	85[r]	99[r]	108[r]	115[r]	106[r]
4. Other Utilities and Public Services	107	77	107	101	109	91	108	99
C. Household Furnishings and Operation	102	98	103[r]	98	105	95	104	97
1. House Furnishings	103	98	103	97	105	92	106	96
a. Textiles	96	92	110	108	107	83	107	98
b. Furniture	101	98	104	94	110	90	111	92
c. Appliances	98	102	98	100	102	99	96	106
d. Television and Sound Equipment	115	94[r]	97[r]	95[r]	97	102	105	95[r]
e. Other Household Equipment	104	99	110	97	103	85	106	95
2. Housekeeping Supplies	100	98	100	100	105	102	97	98

Table 23 (Continued)

RELATIVE CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1977
(Average for all areas = 100)

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
III. Apparel	104	99r	95	104	110	93	98	98
A. Apparel Commodities	106	100	95	103	110	92	97	98
1. Mens Apparel	107	106	98	102	109	86	93	99
2. Boys Apparel	95	99	93	98	110	103	96	106
3. Womens Apparel	109	98	91	104	111	95	97	95
4. Girls Apparel	105	94	93	101	104	102	111	90
5. Footwear	103	97	99	104	113	86	95	103
B. Apparel Services	87	86	101	114	106	102	105	99
IV. Transportation	99	95	99	101	101	102	103	101
A. Auto Purchase	99	95	98	104	93	104	104	102
1. New Car	99	102	99	100	101	103	97	99
2. Used Car	100	90	96	108	86	104	110	105
B. Gasoline	99	100	97	101	101	103	99	100
C. Maintenance and Repair	99	92	98	102	109	99	105	96
D. Other Private Transportation	96	90	102	95	109	102	105	101
1. Commodities	97	91	96	99	96	102	104	114
2. Services	96	90	103	94	113	101	105	97
V. Other Goods and Services	98	90r	101r	99	115r	95r	103	98r
A. Medical Care	97	90	103	98	118	98	102	94
1. Commodities	94	98	95	89	108	107	101	107
a. Prescription Drugs	92	97	92	84	105	115	109	107
b. Over-the-Counter Items	96	99	98	95	111	100	94	108
2. Services	98	88	105	99	119	97	102	93
a. Professional Services	98	89	113	90	118	97	104	91r
(1) Physicians Services	96	89	112	93	124	98	101	87
(2) Dental Services	102	88	119	83	113	89	110	96
(3) Eye Exam and Eyeglasses	97	96	103	95	95	119	97	98
b. Other Services	98	88	96	108	120	96	100	95
B. Entertainment	98r	91r	97r	98r	111r	94r	107r	106r
1. Commodities	107r	92r	93r	92	99r	93r	121r	103r
2. Services	93	90	99	101r	117	95	98	107
C. Personal Care	98	91	102	105	117	90	102	94
1. Toilet Goods and Personal Care Appliances	102	99	102	97	100	98	97	105
2. Personal Care Services	94	84	103	114	134	82	106	83
D. Personal and Educational Expenses	NA	NA	NA	NA	NA	NA	NA	NA

NA = Not available
r = revised

Table 24

RELATIVE CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1976
(Average for all areas = 100)

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
Total	102	95[r]	97	100	116[r]	95[r]	105[r]	95
I. Food and Beverages	103	100	98	98	106	96	102	97
A. Food	103	100	97	98	107	95	102	97
1. Food At Home	101	101	99	100	102	99	98	99
a. Cereal and Bakery Products	97	100	98	101	104	102	100	98
(1) Cereal and Cereal Products	101	103	98	99	104	102	98	96
(2) Bakery Products	94	98	98	102	103	103	101	100
b. Meats, Poultry, Fish, and Eggs	102	105	98	102	101	96	99	97
(1) Meats	102	106	98	103	101	96	99	94
(a) Beef	106	107	103	103	94	97	93	97
(b) Pork	97	106	95	103	104	97	104	94
(c) Other Meats	104	105	92	102	109	92	105	91
(2) Poultry	101	104	103	96	95	96	93	111
(3) Fish and Seafood	104	94	96	101	102	93	100	107
(4) Eggs	101	100	100	102	105	101	101	89
c. Dairy Products	102	103	100	99	100	98	97	101
d. Fruits and Vegetables	104	98	100	95	99	104	94	105
(1) Fresh Fruits and Vegetables	104	99	100	92	99	105	94	108
(a) Fresh Fruits	101	97	99	91	96	104	89	124
(b) Fresh Vegetables	105	100	101	92	100	106	97	98
(2) Processed Fruits and Vegetables	105	97	101	99	99	103	95	100
(a) Processed Fruits	102	99	103	102	97	100	98	98
(b) Processed Vegetables	107	97	100	98	100	103	94	101
e. Sugar and Sweets	102	98	101	101	100	98	101	100
f. Fats and Oils	95	96	102	106	110	94	104	92
g. Nonalcoholic Beverages	100	99	103	94	115	96	95	99
h. Miscellaneous Prepared Foods	96	97	98	99	109	100	98	102
2. Food Away From Home	115	95	86	90	128	80	121	85
B. Alcoholic Beverages	100	100	100	100	100	100	100	100
II. Housing	103[r]	90[r]	95[r]	99[r]	126[r]	91[r]	104[r]	92
A. Shelter	101[r]	88[r]	92[r]	100[r]	138[r]	88[r]	103[r]	90
1. Rent	106	92	82	99	148	88	103	83
2. Homeownership	99[r]	87[r]	94[r]	101[r]	136[r]	88[r]	103[r]	92
B. Fuels and Other Utilities	110	87	101	101	100	97	112	93
1. Fuels	98	98	101	101	103	103	99	97
2. Electricity	110	79	104	108	108	103	106	81
3. Natural Gas	119	97	95	99	78	88	133	91
4. Other Utilities and Public Services	109	76	102	97	112	94	107	104
C. Household Furnishings and Operation	105	98	100	94	106[r]	97	104	96
1. House Furnishings	106	98	100	94	108	95	105	95
a. Textiles	95	91	109	97	131	84	104	89
b. Furniture	110	98	95	90	112	90	110	95
c. Appliances	103	102	95	93	102	104	96	104
d. Television and Sound Equipment	113[r]	101	101[r]	97	95[r]	96	100	95
e. Other Household Equipment	95	93	112	98	102	103	108	90
2. Housekeeping Supplies	101	98	99	97	102	104	99	99

Table 24 (Continued)

RELATIVE CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1976
(Average for all areas = 100)

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
III. Apparel	100	101	96	97	113	91	106	95
A. Apparel Commodities	101	102	96	96	113	91	107	95
1. Mens Apparel	107	113	92	92	123	84	99	91
2. Boys Apparel	99	98	95	100	114	85	102	106
3. Womens Apparel	94	102	96	96	110	95	112	95
4. Girls Apparel	100	92	94	101	101	108	121	83
5. Footwear	107	94	104	99	110	85	101	101
B. Apparel Services	92	88	99	108	113	99	102	99
IV. Transportation	99	93	100	101	103	101	107	95
A. Auto Purchase	102	89	98	104	98	104	112	93
1. New Car	104	98	101	100	102	99	100	96
2. Used Car	100	80	95	107	94	110	124	90
B. Gasoline	101	99	99	101	100	100	103	98
C. Maintenance and Repair	97	96	107	103	104	93	105	94
D. Other Private Transportation	93	91	101	96	113	101	106	97
1. Commodities	91	99	94	101	107	100	105	103
2. Services	94	89	103	94	115	102	107	96
V. Other Goods and Services	99r	88r	97	101r	118r	98r	103	94
A. Medical Care	97	87	92	101	122	102	105	95
1. Commodities	99	97	101	90	101	109	108	94
a. Prescription Drugs	98	96	101	87	101	109	108	100
b. Over-the-Counter Items	99	99	102	93	102	109	108	88
2. Services	96	86	90	102	124	101	104	96
a. Professional Services	98	83	93	94	122	110	106	93
(1) Physicians Services	100	82	90	97	134	100	106	91
(2) Dental Services	95	80	96	88	107	131	108	95
(3) Eye Exam and Eyeglasses	100	100	103	100	100	100	97	100
b. Other Services	94	89	87	111	127	92	102	98
B. Entertainment	103r	89r	102r	100r	113r	95r	101	96
1. Commodities	112r	78r	108r	96r	115r	102r	105r	83r
2. Services	97	95	99	102	112	92	99	104
C. Personal Care	99	91	103	105	117	91	104	89
1. Toilet Goods and Personal Care Appliances	103	100	101	99	96	102	103	96
2. Personal Care Services	96	81	106	112	140	79	106	82
D. Personal and Educational Expenses	NA	NA	NA	NA	NA	NA	NA	NA

NA = Not available
r = revised

Table 25

RELATIVE CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1975
(Average for all areas = 100)

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
Total	103	97[r]	98	101	113[r]	95[r]	101	96
I. Food and Beverages	102	103	97	99	101	100	99	98
A. Food	103	104	97	99	102	100	99	98
1. Food At Home	103	104	97	99	102	100	99	98
a. Cereal and Bakery Products	100	105	92	103	104	101	101	95
(1) Cereal and Cereal Products	103	108	91	99	101	101	98	98
(2) Bakery Products	97	103	93	106	106	101	103	93
b. Meats, Poultry, Fish, and Eggs	102	104	98	97	101	103	99	96
(1) Meats	104	103	98	97	100	105	100	93
(a) Beef	104	100	98	99	99	107	101	91
(b) Pork	96	110	98	96	98	105	98	98
(c) Other Meats	114	100	99	96	104	98	99	91
(2) Poultry	101	108	101	90	107	93	95	107
(3) Fish and Seafood	100	100	95	99	103	102	99	102
(4) Eggs	96	105	97	100	103	100	98	101
c. Dairy Products	105	104	96	99	97	101	97	101
d. Fruits and Vegetables	108	103	99	96	98	103	97	96
(1) Fresh Fruits and Vegetables	111	104	99	94	97	105	99	91
(a) Fresh Fruits	109	103	107	95	94	108	98	86
(b) Fresh Vegetables	112	104	92	93	99	104	100	96
(2) Processed Fruits and Vegetables	105	103	99	98	99	100	93	103
(a) Processed Fruits	102	103	101	101	102	92	93	105
(b) Processed Vegetables	106	103	98	97	98	104	93	102
e. Sugar and Sweets	97	106	97	99	102	101	99	99
f. Fats and Oils	97	100	92	109	110	93	104	95
g. Nonalcoholic Beverages	100	106	104	98	110	88	94	101
h. Miscellaneous Prepared Foods	103	103	94	96	108	88	94	114
2. Food Away From Home	NA	NA	NA	NA	NA	NA	NA	NA
B. Alcoholic Beverages	100	100	100	100	100	100	100	100
II. Housing	104[r]	92[r]	93[r]	100[r]	125[r]	92	103[r]	92
A. Shelter	101[r]	89[r]	91[r]	100[r]	138[r]	90[r]	104[r]	87
1. Rent	101	94	88	96	149	92	100	81
2. Homeownership	101[r]	87[r]	92[r]	102[r]	134[r]	90[r]	105[r]	89[r]
B. Fuels and Other Utilities	112	92	98	99	101	98	100	99
1. Fuels	98	101	100	101	101	102	100	97
2. Electricity	104	96	100	104	100	97	101	98
3. Natural Gas	132	101	87	93	86	98	103	101
4. Other Utilities and Public Services	112	76	105	99	113	95	98	102
C. Household Furnishings and Operation	105	100	96	100	105	91	102	101
1. House Furnishings	106	98	95	103[r]	104	89	104	101
a. Textiles	92	92	117	85	107	95	112	100
b. Furniture	115	97	73	108	111	87	106	103
c. Appliances	93	105	105	97	98	98	99	104
d. Television and Sound Equipment	106	102	110	101	97[r]	80[r]	102[r]	103
e. Other Household Equipment	109	91	112	107	101	90	98	92
2. Housekeeping Supplies	100	107	100	93	107	99	96	99

Table 25 (Continued)

RELATIVE CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1975
(Average for all areas = 100)

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
III. Apparel	103	93	102	99	110	87	102	105
A. Apparel Commodities	104	93	102	98	109	86	103	106
1. Mens Apparel	103	96	83	102	108	82	111	115
2. Boys Apparel	103	103	97	100	104	91	103	98
3. Womens Apparel	103	84	118	100	114	80	93	108
4. Girls Apparel	108	99	102	104	101	92	108	88
5. Footwear	105	101	98	85	108	97	106	100
B. Apparel Services	92	89	103	110	115	101	94	95
IV. Transportation	103	97	102	102	99	99	100	97
A. Auto Purchase	107	100	98	109	92	101	97	95
1. New Car	105	100	96	98	102	100	101	98
2. Used Car	108	100	101	120	84	102	93	91
B. Gasoline	101	101	101	101	99	97	100	101
C. Maintenance and Repair	111	88	110	94	111	93	100	93
D. Other Private Transportation	97	92	108	96	105	100	105	96
1. Commodities	91	101	116	91	110	95	100	96
2. Services	98	89	105	98	104	102	107	96
V. Other Goods and Services	99r	94	104r	101	115	93	98	95r
A. Medical Care	98	92	99	102	118	97	98	96
1. Commodities	101	91	108	98	104	104	92	101
a. Prescription Drugs	94	92	105	98	102	114	91	104
b. Over-the-Counter Items	108	90	110	99	107	95	93	97
2. Services	97	93	98	103	120	96	99	95
a. Professional Services	96	93	101	100	119	99	96	96
(1) Physicians Services	92	91	102	101	129	98	95	92
(2) Dental Services	101	95	100	100	106	100	97	101
(3) Eye Exam and Eyeglasses	100	100	100	100	100	100	100	100
b. Other Services	99	92	94	105	121	92	102	95
B. Entertainment	104	95r	106r	98r	115	86r	99r	97r
1. Commodities	115r	104r	101r	93r	122r	75r	99r	91r
2. Services	97	89	109	102	111	92	100	100
C. Personal Care	96	98	113	103	110	93	96	91
1. Toilet Goods and Personal Care Appliances	103	104	102	102	96	103	94	97
2. Personal Care Services	89	92	124	103	124	83	98	85
D. Personal and Educational Expenses	NA	NA	NA	NA	NA	NA	NA	NA

r = revised
NA = Not available

Table 26

CHANGES IN CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1983 OVER 1982

Category or Subcategory	Metropolitan Areas: Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
Total	+2%[r]	+5%	+6%[r]	+3%[r]	+5%[r]	+1%[r]	+4%[r]	+3%[r]
I. Food and Beverages	0%	+10%	+4%	+1%	+10%	-1%	+1%	+4%
A. Food	0	+10	+4	+1	+10	-1[r]	0	+4
1. Food At Home	0	0	+1	+1	+4	0	+1	0
2. Food Away From Home	+1	+31	+10	+2	+24	-5	-2	+14
B. Alcoholic Beverages	+3	+3	+3	+3	+3	+3	+3	+3
II. Housing	+2%	+1%	+6%	+4%	+3%[r]	+1%	+4%	+4%
A. Shelter	-3	-4	+9	+3	-1	-2	0	0
1. Rent	-1	+3	+20	+18	+3	+4	+8	+3
2. Homeownership	-5	-8	+4	-4	-2[r]	-5	-4	-1
B. Fuels and Other Utilities	+8[r]	+7[r]	+4	+6[r]	+9[r]	+5[r]	+13[r]	+11[r]
1. Fuels	-5	-6	-18	-11	-8	-9	-8	-13
2. Electricity	+3	-2	+3	+3	+3	+3	+3	-2
3. Natural Gas	+36	+27[r]	+18[r]	+18[r]	+27[r]	+14[r]	+40[r]	+41[r]
4. Other Utilities and Public Services	-2[r]	+9[r]	+6[r]	+10[r]	+9[r]	+7[r]	+13[r]	+14[r]
C. Household Furnishings and Operation	+10	+14	-1	+2	+9	+7[r]	+8[r]	+11
1. House Furnishings	+3[r]	+9	-2	+5[r]	+8	+2	+7	+15
2. Housekeeping Supplies	+29	+26	0	-3	+13	+22	+9	+1
III. Apparel	+5%	+6%	+7%	+6%	+3%	+4%	+7%	+6%
A. Apparel Commodities	+4	+7	+7	+5	+3	+4	+7	+5
1. Mens Apparel	+6	+14	+9	+12	0	+2	+1	+7
2. Boys Apparel	+6	-1	+2	+2	-3	+6	+3	+9
3. Womens Apparel	+4	+3	+8	+5	+5	+6	+15	+1
4. Girls Apparel	-1	-4	+1	+1	-1	-5	+2	+4
5. Footwear	+4	+11	+5	-3	+5	+4	+4	+8
B. Apparel Services	+9	+2	+7	+13	+6	+3	+6	+8
IV. Transportation	-3%[r]	0%	0%	-5%[r]	-1%	-5%[r]	-3%[r]	-11%[r]
A. Auto Purchase	-4[r]	0	+2[r]	-8[r]	+4[r]	-7[r]	-3[r]	-14[r]
1. New Car	NA	NA	NA	NA	NA	NA	NA	NA
2. Used Car	+8[r]	+2[r]	+18[r]	-9[r]	+19[r]	-3[r]	+3[r]	-11[r]
B. Gasoline	-5	-3	-1	-5	-5	-4	-3	-12
C. Maintenance and Repair	+7	+10	+14	+8	-3	-2	+6	+3
D. Other Private Transportation	-3	-2	-9	-2	-6	-2	-6	-9
1. Commodities	-7	-5	0	+13	+9	+1	0	-4
2. Services	-2	-1	-11	-5	-10	-3	-8	-10
V. Other Goods and Services	+17%[r]	+15%[r]	+14%[r]	+16%[r]	+17%[r]	+14%[r]	+18%[r]	+21%[r]
A. Medical Care	+10[r]	+12[r]	+6[r]	+10[r]	+12[r]	+9[r]	+7[r]	+14[r]
1. Commodities	+6	+11	+1	+3	+18	+8	+7	+24
2. Services	+11[r]	+12[r]	+6[r]	+11[r]	+11[r]	+9[r]	+8[r]	+13[r]
B. Entertainment	+31[r]	+26[r]	+28[r]	+36[r]	+34[r]	+26[r]	+42[r]	+38[r]
1. Commodities	+53[r]	+36[r]	+42[r]	+55[r]	+55[r]	+37[r]	+71[r]	+54[r]
2. Services	0	+12	+7	+7	+4	+9	-1	+14
C. Personal Care	+13	+2	+9	-2	-3	+3	+2	+11
1. Toilet Goods and Personal Care Appliances	+3	+4	+3	0	+2	-4	+2	0
2. Personal Care Services	+22	0	+14	-4	-7	+9	+3	+19
D. Personal and Educational Expenses	-12	-10	+12	-16	+18	-6	+10	+2

NA = Not available

Table 27

CHANGES IN CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1982 OVER 1981

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
Total	+6%	+3%	+7%	+7%	+5%	+5%	+5%	+4%r
I. Food and Beverages	+6%	-1%	+6%	-3%	+3%	+1%	+4%	+2%
A. Food	+6	-1	+6	-4	+3	+1	+4	+2
1. Food At Home	+2	+6	+6	+3	+7	+4	+5	+4
2. Food Away From Home	+15	-17	+6	-17	-6	-7	0	-2
B. Alcoholic Beverages	+6	+6	+6	+6	+6	+6	+6	+6
II. Housing	+3%	+2%	+5%r	+9%	+3%r	+4%	+3%	+2%
A. Shelter	+1	+1	+4	+9	+2	+3	+4	0
1. Rent	+6	0	+16	+21	+9	+6	+5	+10
2. Homeownership	0	+1	+2	+7	+1	+2	+4	-2
B. Fuels and Other Utilities	+12	+6r	+5r	+3r	+6r	+10	+3r	+8
1. Fuels	-3	-7	-1	-6	-4	-4	-6	-6
2. Electricity	+15	+14	+15	+15	+15	+15	+15	+14
3. Natural Gas	+20	-3r	-4r	-4r	+10	+23r	0r	+16r
4. Other Utilities and Public Services	+14r	+12r	+4r	0	-2r	+5r	-1	+7r
C. Household Furnishings and Operation	-1r	-1	+11	+12	+5	+4r	0	+1
1. House Furnishings	+1	-3	+11	+7	+4	+2	+2	-5r
2. Housekeeping Supplies	-5	+6	+13	+27	+9	+10	-6	+14
III. Apparel	+14%	+12%	+20%	+22%	+5%	+8%	+12%	+15%
A. Apparel Commodities	+15	+12	+22	+26	+5	+9	+13	+17
1. Mens Apparel	+6	+5	+34	+25	+3	+7	+22	+13
2. Boys Apparel	+12	+17	+23	+15	+11	+16	+15	+14
3. Womens Apparel	+22	+18	+16	+22	+2	+12	+6	+22
4. Girls Apparel	+6	+9	+3	+6	+8	+3	+8	+8
5. Footwear	+19	+13	+20	+47	+10	+8	+14	+18
B. Apparel Services	+12	+11	+11	+4	+6	-3	+3	+3
IV. Transportation	+14%	+8%	+9%	+8%	+10%	+7%	+9%	+11%
A. Auto Purchase	+24	+11	+10	+11	+14	+5	+7	+17
1. New Car	+12	+8	+11	+10	+9	+5	+12	+19
2. Used Car	+39r	+15	+7	+12	+20	+4	+1	+15
B. Gasoline	+1	-3	+3	0	-3	+3	+5	-3
C. Maintenance and Repair	+5	+5	+6	+10	+20	+9	+7	+21
D. Other Private Transportation	+19	+25	+20	+18	+23	+21	+21	+22
1. Commodities	+10	+6	-11	+13	-6	-1	-5	+7
2. Services	+22	+30	+29	+20	+31	+28	+29	+26
V. Other Goods and Services	0%r	+2%r	+3%r	+4%r	+5%r	+9%r	+3%r	+1%r
A. Medical Care	+2r	+3r	+5r	+4r	+7r	+6r	+6r	+7r
1. Commodities	+10	+7	+11	+9	+5	+9	+8	+3
2. Services	0r	+3r	+4r	+4r	+7r	+6r	+6r	+7r
B. Entertainment	-5r	-3r	-2r	0r	+3r	+12r	-3r	-7r
1. Commodities	-16r	-13r	-18r	-13r	-6r	+12r	-12r	-14r
2. Services	+11	-3	+8	+5	+16	+12	+10	+2
C. Personal Care	+3	+3	+7r	+11	+5	+9	+6	+2
1. Toilet Goods and Personal Care Appliances	+12	+1	+8	+10	+3	+12	+10	0
2. Personal Care Services	-5	+4	+7	+12	+7	+6	+3	+3
D. Personal and Educational Expenses	+32	+18	-4	+9	+22	+17	0	-3

r = revised

Table 28

CHANGES IN CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1981 OVER 1980

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
Total	+16%	+13%	+15%	+15%	+14%r	+13%	+14%	+14%
I. Food and Beverages	+16%	+9%	+6%	+13%	+8%	+6%	+8%	+6%
A. Food	+17	+9	+6	+13	+8	+6	+8	+6
1. Food At Home	+10	+6	+6	+5	+2	+6	+4	+2
2. Food Away From Home	+31	+16	+7	+30	+21	+6	+17	+15
B. Alcoholic Beverages	+8	+8	+8	+8	+8	+8	+8	+8
II. Housing	+17%	+15%	+18%	+14%r	+15%r	+17%r	+15%r	+16%
A. Shelter	+17	+14	+19	+13r	+14	+18	+15	+15
1. Rent	+11	+5	+14	+11	+12	+27	+13	+8
2. Homeownership	+18	+16	+21	+13r	+15r	+16r	+16	+17
B. Fuels and Other Utilities	+9r	+14r	+15r	+20r	+15	+18r	+20r	+11
1. Fuels	+18	+29	+25	+26	+22	+23	+25	+24
2. Electricity	-1	+15	0	0	0	0	0	+11
3. Natural Gas	+23r	+17r	+40r	+45r	+44r	+35r	+51r	+5r
4. Other Utilities and Public Services	+5	+1	+5	+21	+5	+23	+16	+4
C. Household Furnishings and Operation	+25r	+17r	+15	+13	+15	+9	+10	+23r
1. House Furnishings	+28r	+20	+17	+19r	+15r	+10	+10	+23r
2. Housekeeping Supplies	+15	+7	+11	-1	+17	+4	+9	+23
III. Apparel	+9%	+16%	+7%	+12%	+17%	+7%	+7%r	+8%
A. Apparel Commodities	+9	+18	+7	+12	+19	+6	+7	+8
1. Mens Apparel	+16	+35	0	+17	+19	+2	+3	+11
2. Boys Apparel	+13	+14	+7	+11	+15	+7	+13	+14
3. Womens Apparel	+4	+8	+17	+16	+24	+6	+11	+7
4. Girls Apparel	+15	+12	+4	-1	+5	0	0	+12
5. Footwear	+5	+12	+2	+4	+14	+14	+5	+2
B. Apparel Services	+5r	+3r	+6	+7	+8	+11	+11	+10
IV. Transportation	+11%	+13%	+15%	+15%	+15%	+12%	+15%	+18%
A. Auto Purchase	+17	+21	+25	+29	+25	+20	+27	+31
1. New Car	+19	+19	+32	+29	+21	+24	+27	+23
2. Used Car	+14	+23	+15	+28	+31	+14	+27	+43
B. Gasoline	+8	+10	+8	+6	+10	+2	+5	+12
C. Maintenance and Repair	+3	0	-1	-2	-3	+10	+9	-5
D. Other Private Transportation	+7	+7	+10	+5	+9	+10	+8	+8
1. Commodities	-1	+1	+13	-11	+10	+14	+4	+2
2. Services	+10	+9	+9	+9	+9	+9	+9	+9
V. Other Goods and Services	+24%r	+12%r	+23%	+22%r	+14%r	+15%r	+23%r	+14%r
A. Medical Care	+19	+10	+13	+11	+9	+10	+7	+10
1. Commodities	+10	+9	+13	+9	+4	+13	+8	+8
2. Services	+20	+11	+13	+11	+10	+9	+7	+11r
B. Entertainment	+39r	+15r	+42	+43r	+22r	+31r	+54r	+22r
1. Commodities	+60r	+18r	+68r	+70r	+35r	+53r	+90r	+35r
2. Services	+7	+11	+3	+2	+4	-2	+1	+4
C. Personal Care	+9	+11	+9	+6	+12	+2	+2	+5
1. Toilet Goods and Personal Care Appliances	+4	+12	+8	+1	+7	+7	-3	+12
2. Personal Care Services	+13	+10	+11	+10	+16	-2	+7	-1
D. Personal and Educational Expenses	-9	-6	+15	+15	+14	-22	+4	+15

r = revised

Table 29

CHANGES IN CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1980 OVER 1979

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
Total	+9%	+11%	+7%	+11%r	+12%	+6%	+9%	+11%
I. Food and Beverages	+4%	+5%	+6%	+10%	+5%	+8%	+7%	+11%
A. Food	+4	+5	+6	+11	+5	+8	+7	+12
1. Food At Home	+8	+6	+12	+12	+6	+13	+12	+12
2. Food Away From Home	-7	+2	-7	+8	+2	-1	-4	+12
B. Alcoholic Beverages	+4	+4	+4	+4	+4	+4	+4	+4
II. Housing	+10%r	+11%	+7%	+11%r	+12%	+2%	+7%	+9%
A. Shelter	+9	+11	+6	+11r	+13r	0	+7	+9
1. Rent	+11	+19	+10	+14	+24	-15	+9	+16
2. Homeownership	+9	+9	+5	+11r	+11r	+3	+7	+7
B. Fuels and Other Utilities	+15r	+13	+10r	+10r	+12	+9	+6	+13r
1. Fuels	+31	+28	+22	+25	+18	+22	+21	+34
2. Electricity	+15	+7	+15	+15	+15	+16	+15	+7
3. Natural Gas	+22r	+24r	+7r	+2r	+19	+2	-11	+21r
4. Other Utilities and Public Services	0	+1	0	+1	-2	0	-2	0
C. Household Furnishings and Operation	+5	+8	+6	+10	+4	+9r	+8r	+2
1. House Furnishings	+6	+2	+3	+3	+3	+7	+4r	+1
2. Housekeeping Supplies	+4	+25	+15	+30	+8	+12	+18	+4
III. Apparel	-1%	-1%	-2%	-1%	+8%	+3%	+1%	+7%
A. Apparel Commodities	-2	-4	-3	-3	+7	+2	-1	+7
1. Mens Apparel	+4	-10	-6	-8	+15	-2	-5	+8
2. Boys Apparel	+8	-3	+5	+14	+7	+7	+13	+6
3. Womens Apparel	-12	-2	-9	-5	+1	+3	-6	+7
4. Girls Apparel	+4	+3	+14	+26	+11	+19	+5	+8
5. Footwear	+1	0	+2	-10	+6	-6	+6	+5
B. Apparel Services	+10	+15	+10	+14	+15	+11	+14	+7
IV. Transportation	+15%	+13%	+11%	+16%	+16%	+13%	+17%	+11%
A. Auto Purchase	+3	+3	+2	+9	+9	+5	+11	-1
1. New Car	+10	+10	+5	+10	+13	+9	+8	+7
2. Used Car	-8	-8	-2	+9	+3	-2	+16	-15
B. Gasoline	+34	+33	+27	+33	+34	+31	+35	+32
C. Maintenance and Repair	+23	+14	+12	+10	+13	+5	+5	+6
D. Other Private Transportation	+4	0	+4	+4	+1	+2	+4	+1
1. Commodities	+18	+1	+16	+17	+3	+10	+18	+3
2. Services	0	0	0	0	0	0	0	0
V. Other Goods and Services	+12%r	+22%r	+7%r	+6%	+18%r	+10%r	+8%r	+23%
A. Medical Care	+10	+20	+9	+11	+17	+10	+14	+12
1. Commodities	+8	+12	-5	+4	+6	-1	-3	+7
2. Services	+11	+21	+11	+12	+19	+12	+17	+13
B. Entertainment	+19r	+31r	+6r	+1r	+26r	+12r	+1r	+39
1. Commodities	+25r	+48r	+4r	-6r	+42r	+9r	-10r	+61r
2. Services	+9	+5	+8	+12	+3	+16	+16	+7
C. Personal Care	0	+6	+4	+4	+4	+8	+6	+15
1. Toilet Goods and Personal Care Appliances	+2	+6	+9	+6	+7	+10	+6	+6
2. Personal Care Services	-2	+6	+1	+2	+1	+7	+6	+23
D. Personal and Educational Expenses	+4	+22	-6	-8	-1	+7	-4	+18

r = revised

Table 30

CHANGES IN CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1979 OVER 1978

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
Total	+11%	+10%	+12%	+11%r	+12%	+15%	+10%	+14%r
I. Food and Beverages	+9%	+12%	+9%	+8%	+9%	+7%	+5%	+12%
A. Food	+9	+12	+9	+8	+9	+8	+5	+13
1. Food At Home	+10	+15	+4	+5	+9	+4	+5	+11
2. Food Away From Home	+6	+6	+21	+16	+8	+16	+4	+17
B. Alcoholic Beverages	+6	+6	+6	+6	+6	+6	+6	+6
II. Housing	+9%	+7%	+11%	+9%r	+12%r	+15%	+10%r	+14%r
A. Shelter	+9	+7	+10	+7	+11	+15	+9	+14
1. Rent	+9	+6	-5	-5	-5	+13	-4	+9
2. Homeownership	+9	+7	+13	+10	+15	+16	+12	+15
B. Fuels and Other Utilities	+19r	+15r	+20	+25r	+22	+17r	+16r	+16r
1. Fuels	+65	+61	+66	+65	+75	+72	+68	+56
2. Electricity	+16	+17	+16	+16	+15	+16	+16	+16
3. Natural Gas	+16r	+10r	+22	+48r	+13	+11r	+12r	+17r
4. Other Utilities and Public Services	+4	-6	+3	+4	+12	+4	-3	0
C. Household Furnishings and Operation	0	0	+6	+5	+5r	+10	+8	+10
1. House Furnishings	-2	0	+6	+7r	+5	+11	+8	+12r
2. Housekeeping Supplies	+6	0	+6	+1	+3	+7	+8	+7
III. Apparel	+14%	+10%	+11%	+7%	+5%	+9%	+11%	+8%
A. Apparel Commodities	+13	+9	+9	+6	+4	+8	+11	+8
1. Mens Apparel	-1	-1	+3	+2	+2	+9	+10	-2
2. Boys Apparel	+8	+3	+4	+4	-2	+3	-2	-3
3. Womens Apparel	+21	+16	+14	+1	+1	+5	+15	+10
4. Girls Apparel	+8	+8	+10	-1	+6	+1	+9	+4
5. Footwear	+28	+17	+14	+28	+15	+19	+11	+26
B. Apparel Services	+21	+15	+23	+10	+11	+16	+13	+15
IV. Transportation	+19%	+16%	+18%	+16%	+19%	+24%	+14%	+20%
A. Auto Purchase	+13	+5	+8	+5	+12	+22	+3	+13
1. New Car	+10	+10	9	+7	+14	+10	+9	+6
2. Used Car	+17	-3	+6	+3	+9	+41	-5	+22
B. Gasoline	+40	+41	+41	+39	+41	+42	+40	+44
C. Maintenance and Repair	+3	+13	+12	+5	+15	+6	+2	+10
D. Other Private Transportation	+14	+12	+16	+16	+10	+12	+10	+12
1. Commodities	+5	+15	+8	+11	+4	+14	-1	+9
2. Services	+16	+11	+18	+17	+11	+11	+13	+12
V. Other Goods and Services	+8%r	+10%	+9%r	+14%r	+11%r	+15%	+14%	+6%
A. Medical Care	+8	+6	+11	+17	+11	+11	+12	+8
1. Commodities	+11	+1	+17	+25	+14	+14	+20	+13
2. Services	+7	+7r	+10	+15	+11	+11	+11	+7
B. Entertainment	+3r	+13r	+7r	+11r	+11r	+17	+14	+1
1. Commodities	-1r	+17r	+12r	+13r	+14r	+24	+19	-3
2. Services	+8	+7	+1	+9	+6	+6	+8	+7
C. Personal Care	+18	+15	+4	+10	+8	+18	+14	+8
1. Toilet Goods and Personal Care Appliances	+27	+18	+10	+16	+25	+17	+20	+23
2. Personal Care Services	+10	+13	0	+4	-6	+19	+10	-4
D. Personal and Educational Expenses	+26	+24	+24	+36	+33	+50	+41	+19

r = revised

Table 31

CHANGES IN CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1978 OVER 1977

Category or Subcategory	Metropolitan Areas: Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
Total	+7%r	+10%	+8%	+8%	+8%	+7%	+9%r	+5%
I. Food and Beverages	+7%	+6%	+5%	+11%	+14%	+12%	+8%	+7%
A. Food	+7	+6	+5	+12	+14	+12	+8r	+7
1. Food At Home	+10	+8	+12	+12	+13	+13	+12	+11
2. Food Away From Home	+2	+4	-12	+11	+18	+11	+1	-1
B. Alcoholic Beverages	+4	+4	+4	+4	+4	+4	+4	+4
II. Housing	+6%	+10%	+8%	+7%r	+7%r	+7%	+9%	+3%
A. Shelter	+8	+9	+10	+9	+7	+8	+11	+3
1. Rent	+8	+9	+14	+7	+13	+3	+15	+2
2. Homeownership	+8	+9	+9	+10	+6	+9	+10	+3
B. Fuels and Other Utilities	-2	+15r	+5	+1r	0	+3	+1	+4r
1. Fuels	+3	+4	+8	+5	+4	+2	+5	+3
2. Electricity	+1r	+16	0	+1	0	0	-1	+14
3. Natural Gas	-23r	+16	+23r	0r	-11r	+11r	0r	-3r
4. Other Utilities and Public Services	+7	+19	-1	0	+5	+2	+1	-1
C. Household Furnishings and Operation	+3	+7	+2	+5	+9	+7	+7	+3
1. House Furnishings	+2	+9	+2	+7	+11r	+8	+7r	+2
2. Housekeeping Supplies	+7	+4	+3	-1	+5	+2	+6	+6
III. Apparel	+4%	+8%	+12%	+5%	+7%	+11%	+19%	+6%
A. Apparel Commodities	+3	+7	+12	+4	+6	+12	+19	+5
1. Mens Apparel	+3	+2	+13	+2	-2	+14	+24	+6
2. Boys Apparel	+3	+6	+17	+4	+10	+4	+23	+1
3. Womens Apparel	+3	+9	+9	+6	+10	+11	+13	+3
4. Girls Apparel	-1	+21	+15	+9	+22	+5	+4	+33
5. Footwear	+3	+5	+14	-1	+5	+16	+33	-2
B. Apparel Services	+11	+16	+11	+18	+12	+10	+13	+13r
IV. Transportation	+7%	+12%	+10%	+7%	+7%	+4%	+12%	+9%
A. Auto Purchase	+12	+23	+16	+11	+13	0	+16	+11
1. New Car	+8	+6	+8	+10	+5	+6	+11	+11
2. Used Car	+17	+49	+30	+14	+27	-9	+22	+11
B. Gasoline	+4	+4	+8	+4	+3	+3	+4	+2
C. Maintenance and Repair	+4	+9	+14	+11	+9	+10	+12	+13
D. Other Private Transportation	0	0	-4	-3	-3	+13	+13	+11
1. Commodities	-4	+2	+2	0	+4	-9	+3	-2
2. Services	+2	-1	-5	-4	-4	+18	+16	+14
V. Other Goods and Services	+9%r	+13%	+9%r	+7%	+6%r	+2%	+5%	+7%
A. Medical Care	+11	+12	+7	+11	+6	+4	+9	+8
1. Commodities	+9	+12	+13	+7	0	+3	+1	-5
2. Services	+12	+12	+6	+12	+7	+4	+10	+10
B. Entertainment	+6r	+15	+11r	+1	+4r	-3r	-2r	+5r
1. Commodities	+3r	+13	+9r	0r	+3r	-9r	-8r	+7
2. Services	+10	+18	+13	+2	+6	+7	+8	+4
C. Personal Care	+13	+12	+9	+8	+11	+8	+9	+8
1. Toilet Goods and Personal Care Appliances	+8	+7	+8	+12	+8	+12	+12	0
2. Personal Care Services	+17	+16	+10	+4	+13	+5	+7	+14
D. Personal and Educational Expenses	NA	NA	NA	NA	NA	NA	NA	NA

NA = Not available
r = revised

Table 32

CHANGES IN CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1977 OVER 1976

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
Total	+8%	+7%	+9%	+7%	+5%	+8%	+5%	+10%
I. Food and Beverages	+6%	+6%	+11%	+7%	+3%	+9%	+7%	+9%
A. Food	+7	+6	+13	+8	+4	+11	+8	+10
1. Food At Home	+8	+6	+8	+7	+6	+11	+7	+10
2. Food Away From Home	+3	+8	+35	+13	-7	+11	+9	+14
B. Alcoholic Beverages	+1	+1	+1	+1	+1	+1	+1	+1
II. Housing	+10%	+7%	+8%	+6%	+8%	+7%r	+6%	+9%
A. Shelter	+13	+7	+6	+4	+5	+5	+4	+7
1. Rent	+15	+4	+6	+6	+16	+3	+11	+4
2. Homeownership	+12	+8	+7	+3	+2	+6	+2	+8
B. Fuels and Other Utilities	+12r	+10r	+11	+10r	+22r	+20r	+10r	+17r
1. Fuels	+18	+18	+17	+17	+15	+14	+18	+18
2. Electricity	+7	-4	+10	+7	+8	+9	+8	0
3. Natural Gas	+13r	+15r	+1r	+3r	+52r	+47r	+4r	+39r
4. Other Utilities and Public Services	+10	+12	+16	+16	+8	+7	+12	+7
C. Household Furnishings and Operation	+2	+5	+10	+9	+5r	+2	+6	+6
1. House Furnishings	+2r	+4	+10	+8	+2	+1	+6	+5
2. Housekeeping Supplies	+5	+10	+8	+11	+12	+5	+6	+8
III. Apparel	+15%	+7%	+8%	+17%	+6%	+11%	+3%	+13%
A. Apparel Commodities	+15	+6	+7	+17	+6	+11	+1	+13
1. Mens Apparel	+18	+12	+27	+32	+6	+21	+12	+30
2. Boys Apparel	+14	+12	+11	+11	+9	+37	+6	+14
3. Womens Apparel	+18	-2	-4	+11	+1	+1	-10	+1
4. Girls Apparel	+14	+10	+7	+9	+12	+2	0	+16
5. Footwear	+8	+10	+3	+13	+10	+9	+5	+11
B. Apparel Services	+6	+10	+15	+18	+5	+15	+16	+12
IV. Transportation	+3%	+5%	+2%	+3%	+1%	+4%	-1%	+9%
A. Auto Purchase	-2	+8	0	+1	-4	0	-7	+11
1. New Car	+3	+12	+6	+7	+7	+12	+6	+11
2. Used Car	-6	+5	-5	-5	-14	-11	-17	+10
B. Gasoline	+4	+7	+4	+6	+7	+8	+2	+8
C. Maintenance and Repair	+3	-4	-8	-1	+6	+7	0	+3
D. Other Private Transportation	+9	+4	+5	+5	+2	+6	+4	+9
1. Commodities	+16	0	+12	+7	+2	+12	+9	+21
2. Services	+7	+4	+3	+4	+2	+4	+2	+6
V. Other Goods and Services	+7%r	+13%r	+14%r	+6%	+6%r	+6%r	+8%r	+13%r
A. Medical Care	+8	+11	+22	+5	+4	+4	+5	+6
1. Commodities	+5	+11	+3	+10	+18	+9	+4	+26
2. Services	+9	+11	+25	+4	+3	+4	+5	+4
B. Entertainment	+5r	+22r	+5r	+7	+8r	+8r	+16r	+26r
1. Commodities	+12r	+58r	+3r	+11r	+2r	+6r	+35r	+54r
2. Services	+1	0	+7	+5	+12	+10	+5	+10
C. Personal Care	+3	+7	+5	+7	+6	+6	+4	+10
1. Toilet Goods and Personal Care Appliances	+2	+3	+5	+4	+9	+1	+1	+11
2. Personal Care Services	+5	+10	+5	+10	+2	+11	+7	+9
D. Personal and Educational Expenses	NA	NA	NA	NA	NA	NA	NA	NA

NA = Not available
r = revised

Table 33

CHANGES IN CONSUMER PRICE INDICES
EIGHT VIRGINIA METROPOLITAN AREAS: 1976 OVER 1975

Category or Subcategory	Metropolitan Areas							
	Charlottesville	Lynchburg	Newport News-Hampton	Norfolk-Virginia Beach-Portsmouth	Northern Virginia	Petersburg-Colonial Heights-Hopewell	Richmond	Roanoke
Total	+4%	+4%	+4%r	+4%	+7%	+7%r	+8%	+5%
I. Food and Beverages	0%	-1%	+3%	+2%	+1%	0%	0%	+2%
A. Food	0	-1	+3	+2	+1	0	0	+2
1. Food At Home	0	-1	+3	+2	+2	0	0	+2
2. Food Away From Home	NA	NA	NA	NA	NA	NA	NA	NA
B. Alcoholic Beverages	+2	+2	+2	+2	+2	+2	+2	+2
II. Housing	+3%	+2%	+5%	+1%	+4%	+5%	+6%	+5%
A. Shelter	0	0	0	-1	+1	+1	0	+6
1. Rent	+8	+1	-3	+6	+2	-2	+6	+6
2. Homeownership	-3	-1	+1	-3	+1	+2	-2	+6
B. Fuels and Other Utilities	+8	+3	+13	+13	+10	+9	+23	+2
1. Fuels	+4	+1	+5	+3	+6	+4	+3	+3
2. Electricity	+28	0	+26	+26	+30	+28	+27	0
3. Natural Gas	0	+6	+21	+18	0	0	+42	0
4. Other Utilities and Public Services	+1	+4	0	+2	+2	+3	+16	+5
C. Household Furnishings and Operation	+8	+7	+17r	0	+9r	+14	+11	+3
1. House Furnishings	+9	+11r	+21	-1	+13	+17	+12	+3
2. Housekeeping Supplies	+3	-5	0	+3	-4	+5	+4	+4
III. Apparel	+7%	+20%	+5%	+9%	+12%	+14%	+15%	0%
A. Apparel Commodities	+7	+22	-5	+9	+13	+15	+15	-1
1. Mens Apparel	+13	+31	+20	-1	+26	+12	-3	-13
2. Boys Apparel	+5	+4	+8	+10	+22	+3	+9	+21
3. Womens Apparel	-1	+31	-12	+6	+2	+22	+30	-6
4. Girls Apparel	+8	+8	+9	+14	+17	+41	+30	+10
5. Footwear	+17	+3	+16	+29r	+12	-4	+4	+10
B. Apparel Services	+7	+5	+2	+6	+5	+5	+16	+12
IV. Transportation	+3%	+3%	+5%	+7%	+12%	+11%	+16%	+6%
A. Auto Purchase	+8	0	+12	+8	+21	+17	+32	+11
1. New Car	+7	0	+14	+11	+8	+6	+7r	+5
2. Used Car	+9	0	+11	+5	+33	+27r	+57	+16
B. Gasoline	+1	-1	-1	+1	+2	+5	+4	-2
C. Maintenance and Repair	+1	+28	+13	+27	+8	+18	+22	+18
D. Other Private Transportation	+1	+4	-1	+4	+12	+7	+6	+6
1. Commodities	+6	+4	-12	+19	+3	+19	+16	+15
2. Services	-1	+3	+2	0	+14	+3	+3	+3
V. Other Goods and Services	+8%r	+2%r	0%r	+8%	+11%r	+11%r	+15%r	+9%
A. Medical Care	+10	+5	+2	+10	+14	+11	+19	+11
1. Commodities	+3	+12	-2	-4	0	+12	+22	-4
2. Services	+11	+4	+2	+12	+16	+11	+19	+13
B. Entertainment	0r	-3r	-3r	+5r	+3r	+15r	+6r	+8r
1. Commodities	-14r	-32r	-5r	-1r	-7r	+28r	+3r	0
2. Services	+9	+14	-1	+8	+8	+7	+7	+12
C. Personal Care	+12	+1	0	+11	+17	+4	+16	+7
1. Toilet Goods and Personal Care Appliances	+3	-1	+2	-1	-2	0	+10	0
2. Personal Care Services	+22	+4	-2	+24	+37	+9	+23	+15
D. Personal and Educational Expenses	NA	NA	NA	NA	NA	NA	NA	NA

NA = Not available
r = revised